INSTALLATION, OPERATING AND MAINTENANCE INSTRUCTIONS
ISTRUZIONI DI INSTALLAZIONE, FUNZIONAMENTO E MANUTENZIONE
INSTRUCTIONS D'INSTALLATION, D'UTILISATION ET DE MAINTENANCE
INSTRUCCIONES DE INSTALACIÓN, USO Y MANTENIMIENTO

"HEAVY DUTY SMART" VERTICAL REFRIGERATOR
FRIGORIFERO VERTICALE "HEAVY DUTY SMART"
RÉFRIGÉRATEUR VERTICAL "HEAVY DUTY SMART"
FRIGORÍFICO VERTICAL "HEAVY DUTY SMART"

DOC. NO. **5957 409 02**
VERSION 3 2007.10

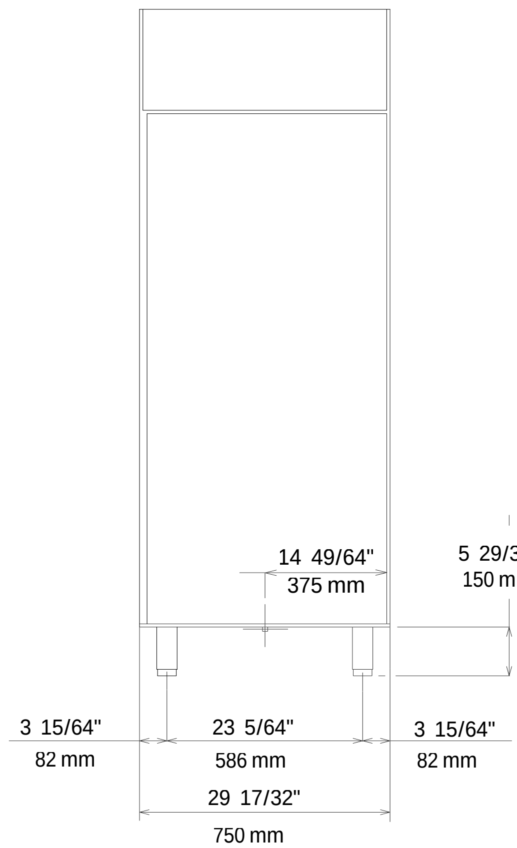
INSTALLATION DIAGRAM
SCHEMA D'INSTALLAZIONE

SCHÉMA D'INSTALLATION
DIAGRAMA DE INSTALACIÓN

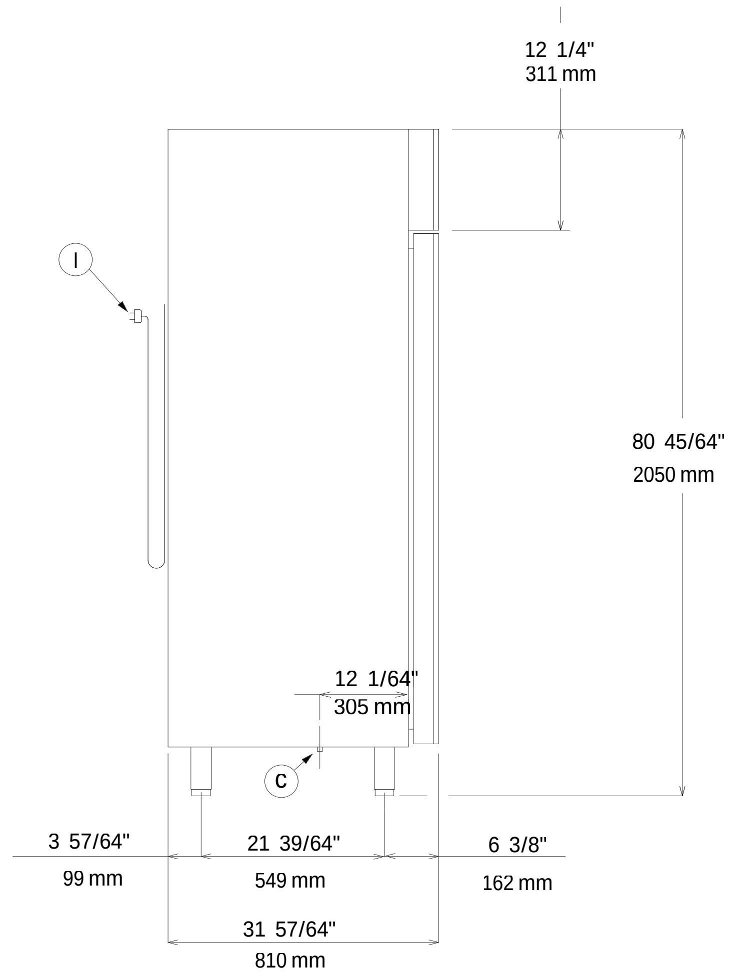
171.71 gallons / 650 lt REFRIGERATOR
FRIGORIFERO 171,71 galloni / 650 litri

RÉFRIGÉRATEUR de 171,71 gallons / 650 litres
FRIGORÍFICO de 171,71 galones/650 litros

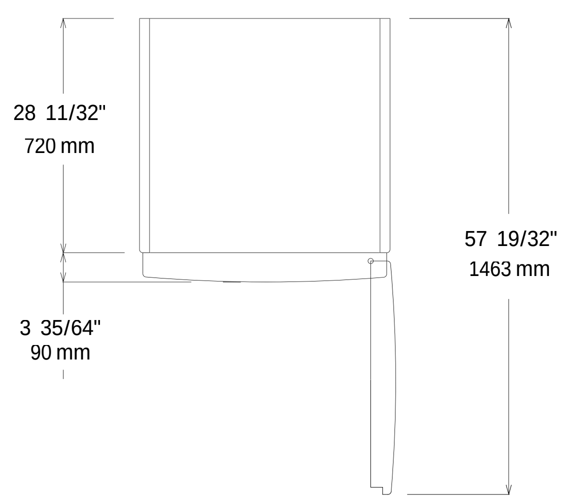
FRONT VIEW - VISTA FRONTALE - VUE DE FACE - VISTA FRONTAL



SIDE VIEW - VISTA LATERALE - VUE DE CÔTÉ - VISTA LATERAL



TOP VIEW - VISTA SUPERIORE - VUE DU DESSUS - VISTA SUPERIOR



C = OUTLET FOR DRAINING OF LIQUIDS FROM CHAMBER, DIAMETER 0.69 " / 17.5 mm
I = POWER SUPPLY CABLE, LENGTH 137.79 " / 3500 mm, SCHUKO TYPE PLUG.

C = PILETTA PER LO SCARICO LIQUIDI DELLA CELLA, DIAMETRO 0,69 " / 17,5 mm
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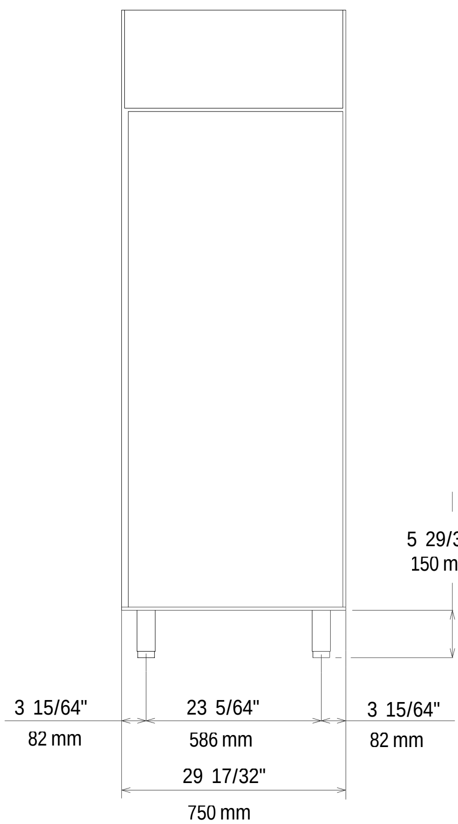
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C = DESAGÜE DE LÍQUIDOS DE LA CÁMARA, DIÁMETRO de 0,69 pulg/17,5 mm
I = CABLE DE ALIMENTACIÓN de 137,79 pulg/3500 mm DE LONGITUD, ENCHUFE TIPO SCHUKO.

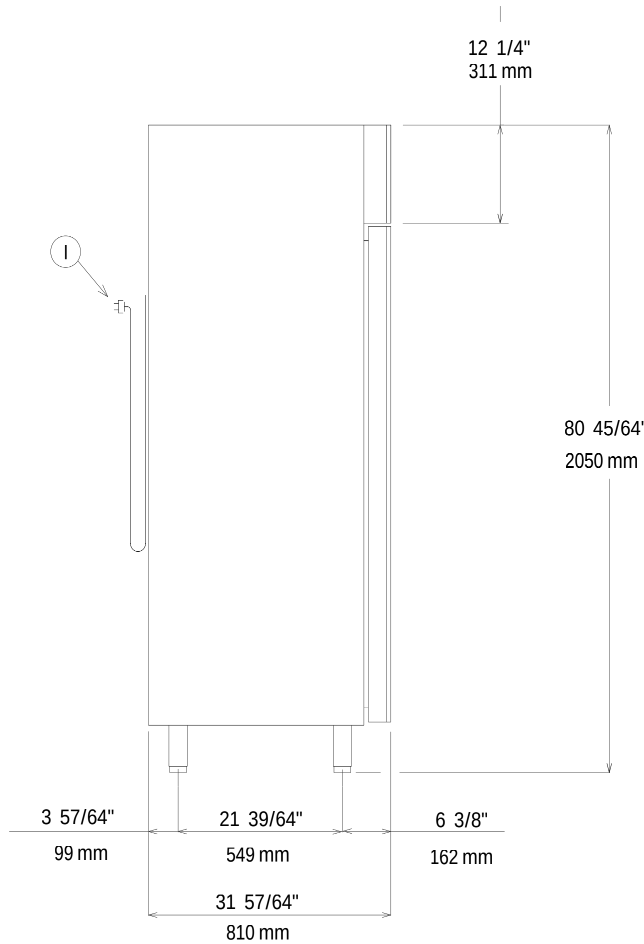
INSTALLATION DIAGRAM
SCHEMA D'INSTALLAZIONE
SCHÉMA D'INSTALLATION
DIAGRAMA DE INSTALACIÓN

171.71 gallons / 650 lt FREEZER
CONGELATORE 171,71 galloni / 650 litri
CONGÉLATEUR de 171,71 gallons / 650 litres
CONGELADOR de 171,71 galones/650 litros

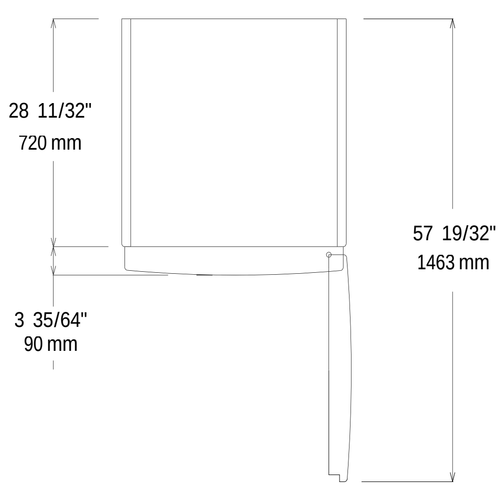
FRONT VIEW - VISTA FRONTALE - VUE DE FACE - VISTA FRONTAL



SIDE VIEW - VISTA LATERALE - VUE DE CÔTÉ - VISTA LATERAL



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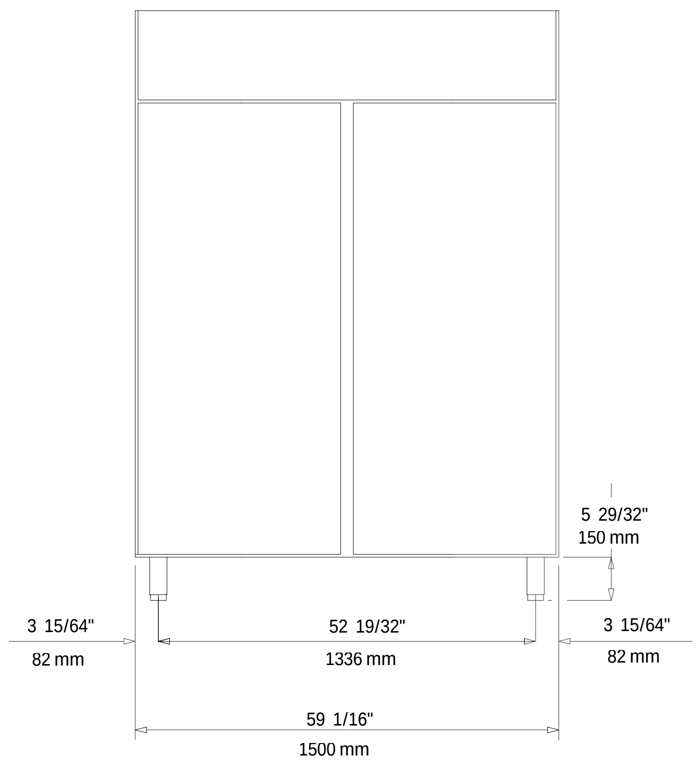
INSTALLATION DIAGRAM
SCHEMA D'INSTALLAZIONE

SCHÉMA D'INSTALLATION
DIAGRAMA DE INSTALACIÓN

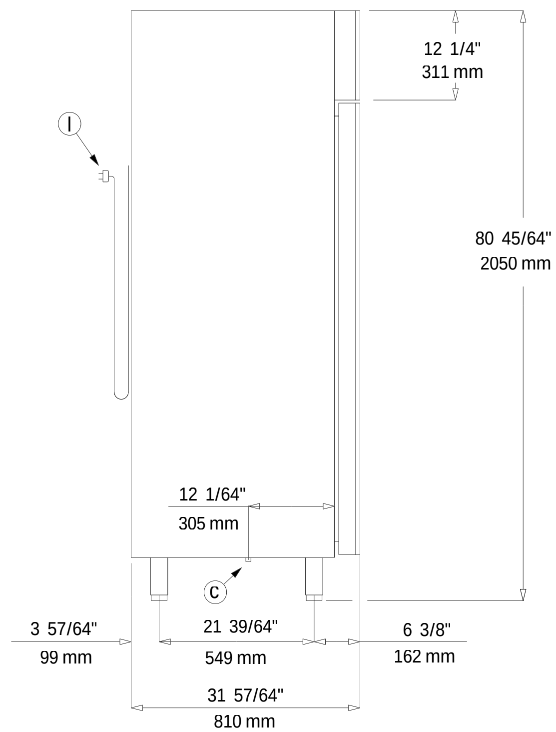
369.84 gallons / 1400 lt REFRIGERATOR
FRIGORIFERO 369,84 galloni / 1400 litri

RÉFRIGÉRATEUR de 369,84 gallons / 1400 litres
FRIGORÍFICO de 369,84 galones/1400 litros

FRONT VIEW - VISTA FRONTALE - VUE DE FACE - VISTA FRONTAL



SIDE VIEW - VISTA LATERALE - VUE DE CÔTÉ - VISTA LATERAL



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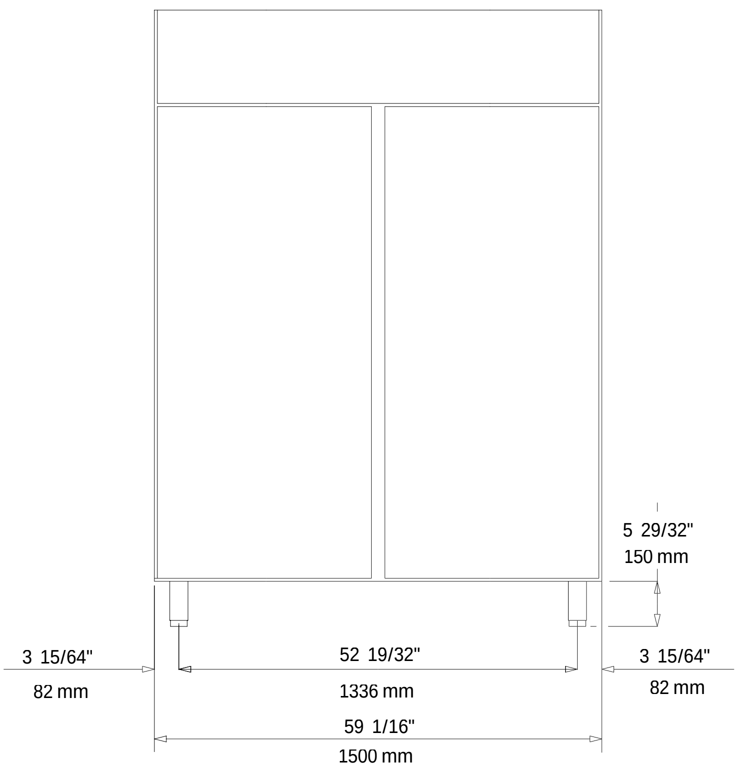
INSTALLATION DIAGRAM
SCHEMA D'INSTALLAZIONE

SCHÉMA D'INSTALLATION
DIAGRAMA DE INSTALACIÓN

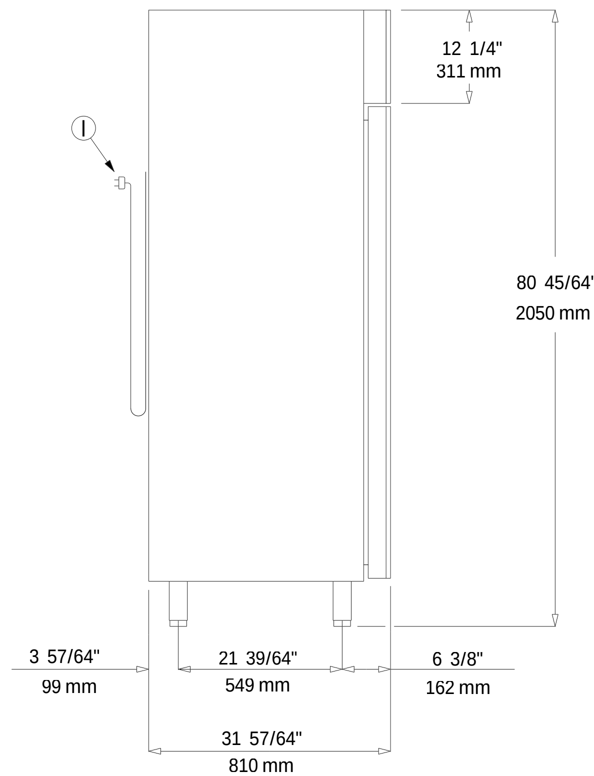
369.84 gallons / 1400 lt FREEZER
CONGELATORE 369,84 galloni / 1400 litri

CONGÉLATEUR de 369,84 gallons / 1400 litres
CONGELADOR de 369,84 galones/1400 litros

FRONT VIEW - VISTA FRONTALE - VUE DE FACE - VISTA FRONTAL



SIDE VIEW - VISTA LATERALE - VUE DE CÔTÉ - VISTA LATERAL





TOP VIEW - VISTA SUPERIORE - VUE DU DESSUS - VISTA SUPERIOR

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INSTALLATION DIAGRAM
SCHEMA D'INSTALLAZIONE
SCHÉMA D'INSTALLATION
DIAGRAMA DE INSTALACIÓN

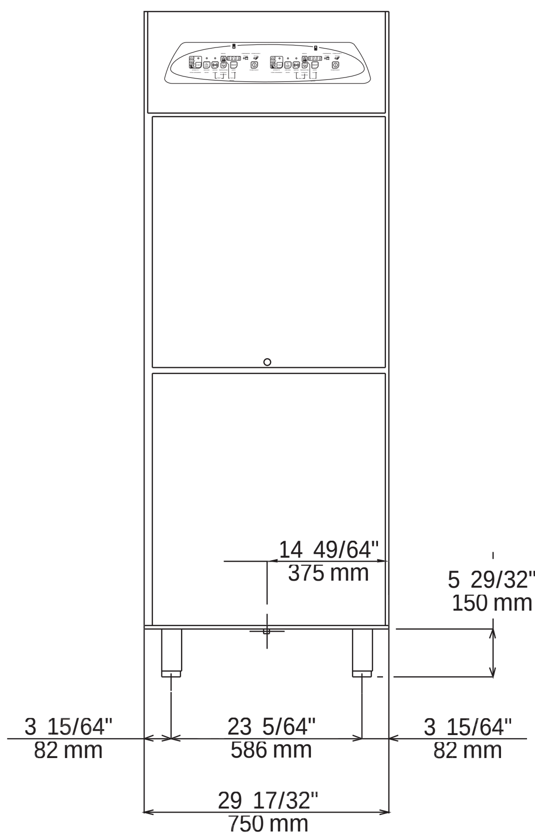
REFRIGERATOR 171.71 gallons / 650 litres 2 ½ DOORS 2 TEMPERATURES

FRIGORIFERO 171,71 galloni / 650 litri 2 ½ PORTE 2 TEMPERATURE

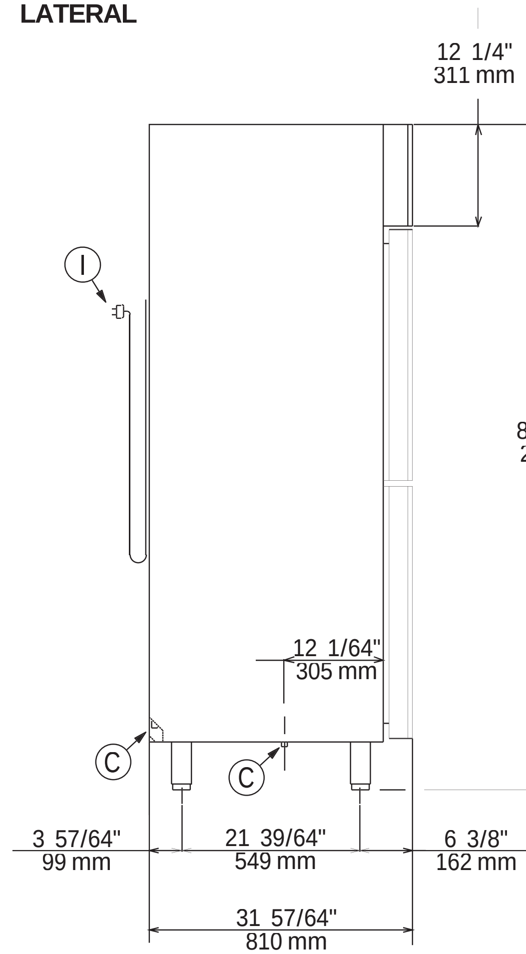
RÉFRIGÉRATEUR 171,71 gallons / 650 litres 2 ½ PORTES 2 TEMPÉRATURES

FRIGORÍFICO de 171,71 galones / 650 litros 2 MEDIAS PUERTAS 2 TEMPERATURAS

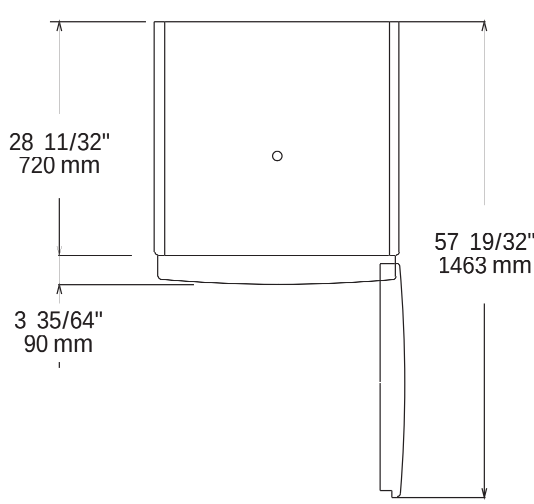
FRONT VIEW - VISTA FRONTALE - VUE DE FACE - VISTA FRONTAL



SIDE VIEW - VISTA LATERALE - VUE DE CÔTÉ - VISTA LATERAL



TOP VIEW - VISTA SUPERIORE - VUE DU DESSUS - VISTA SUPERIOR



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INSTALLATION DIAGRAM
SCHEMA D'INSTALLAZIONE
SCHÉMA D'INSTALLATION
DIAGRAMA DE INSTALACIÓN

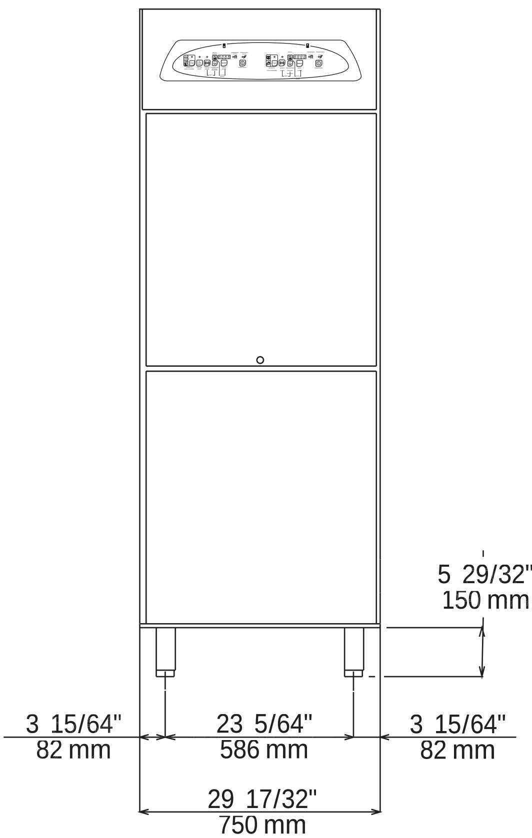
REFRIGERATOR/FREEZR 171.71 gallons / 650 litres 2½ DOORS 2 TEMPERATURES

FRIGORIFERO/CONGELATORE 171,71 galloni / 650 litri 2 ½ PORTE 2 TEMPERATURE

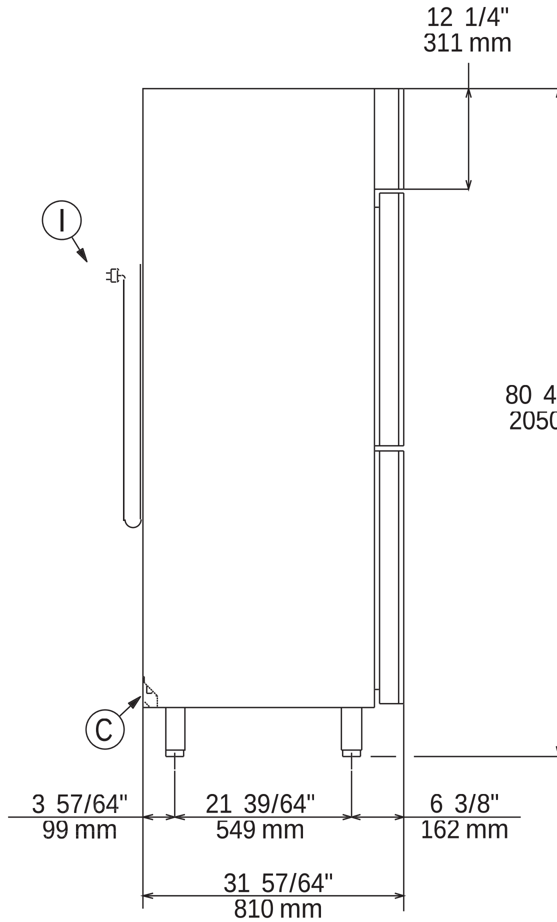
RÉFRIGÉRATEUR/CONGÉLATEUR 171,71 gallons / 650 litres 2 ½ PORTES 2 TEMPÉRATURES

FRIGORÍFICO/CONGELADOR de 171,71 galones / 650 litros 2 MEDIAS PUERTAS 2 TEMPERATURAS

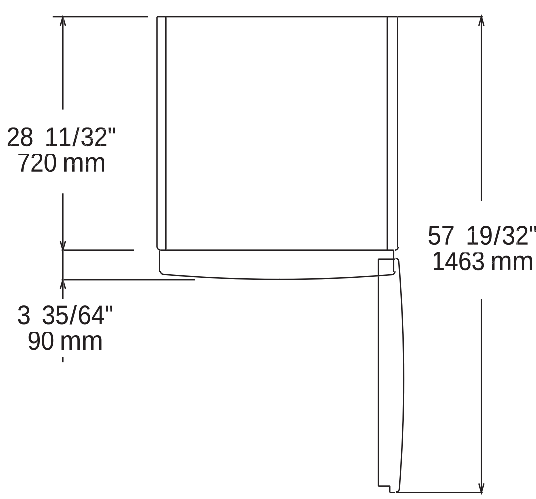
FRONT VIEW - VISTA FRONTALE - VUE DE FACE - VISTA FRONTAL



SIDE VIEW - VISTA LATERALE - VUE DE CÔTÉ - VISTA LATERAL



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INSTALLATION DIAGRAM
SCHEMA D'INSTALLAZIONE
SCHÉMA D’INSTALLATION
DIAGRAMA DE INSTALACIÓN

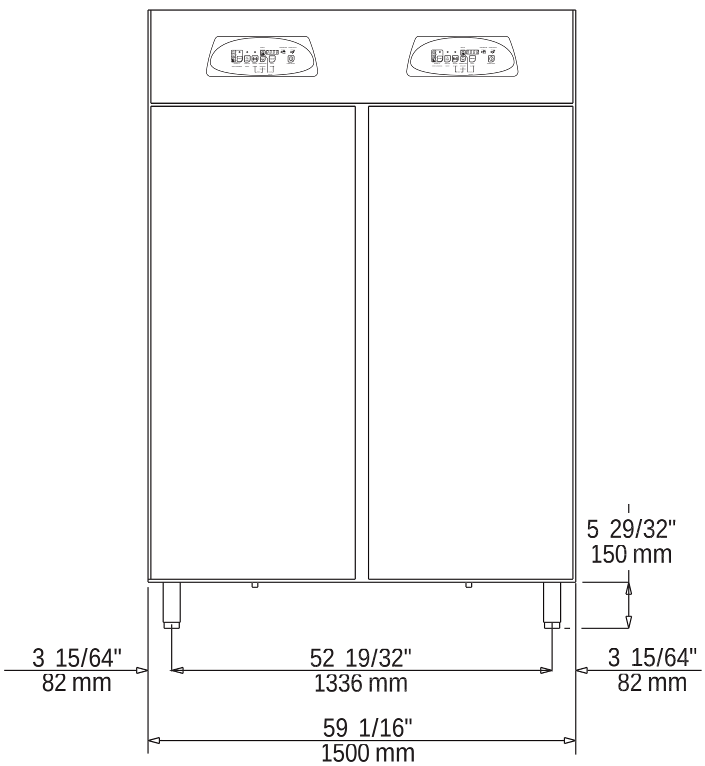
REFRIGERATOR 369.84 gallons / 1400 litres 2 TEMPERATURES

FRIGORIFERO 369,84 galloni / 1400 litri 2 TEMPERATU-RE

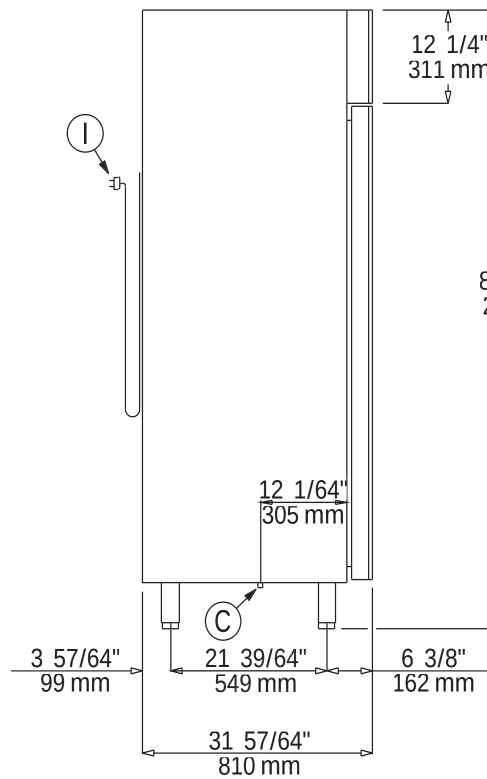
RÉFRIGÉRATEUR 369,84 gallons / 1400 litres 2 TEMPÉRATURES

FRIGORÍFICO de 369,84 galones / 1400 litros 2 TEMPERATURAS

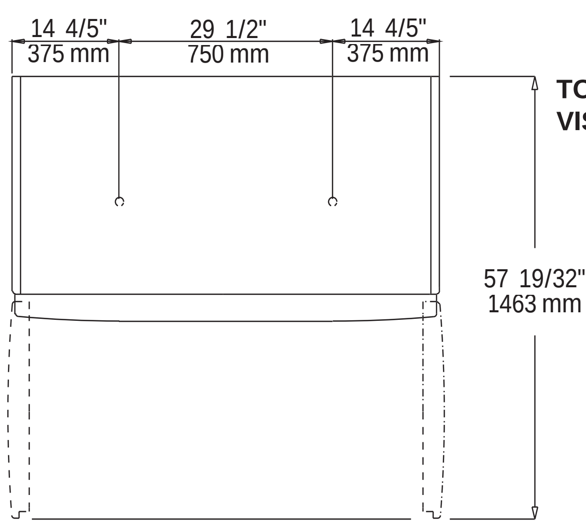
FRONT VIEW - VISTA FRONTALE - VUE DE FACE - VISTA FRONTAL



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INSTALLATION DIAGRAM
SCHEMA D'INSTALLAZIONE

REFRIGERATOR/FREEZER 369.84 gallons / 1400 litres 2 TEMPERATURES

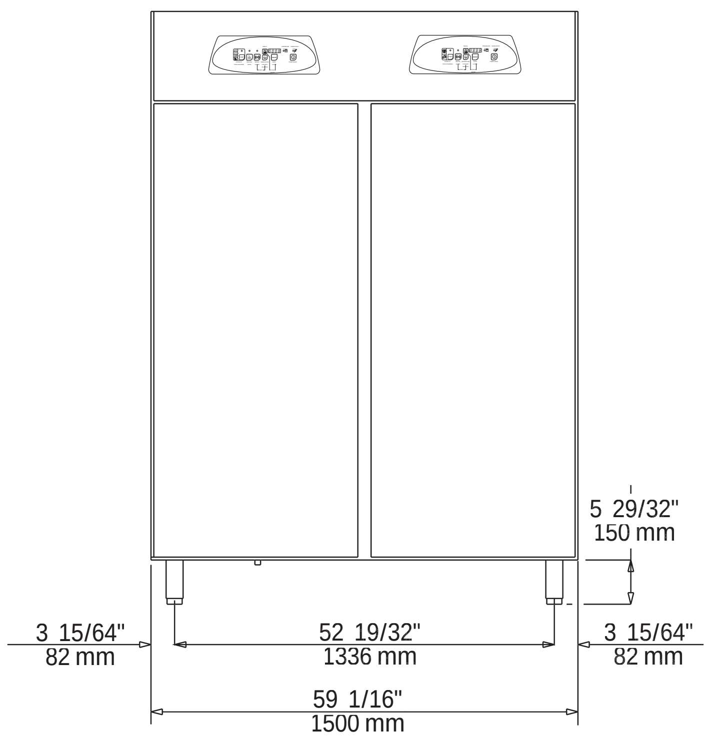
FRIGORIFERO/CONGELATORE 369,84 galloni / 1400 litri 2 TEMPERATURE

SCHÉMA D’INSTALLATION
DIAGRAMA DE INSTALACIÓN

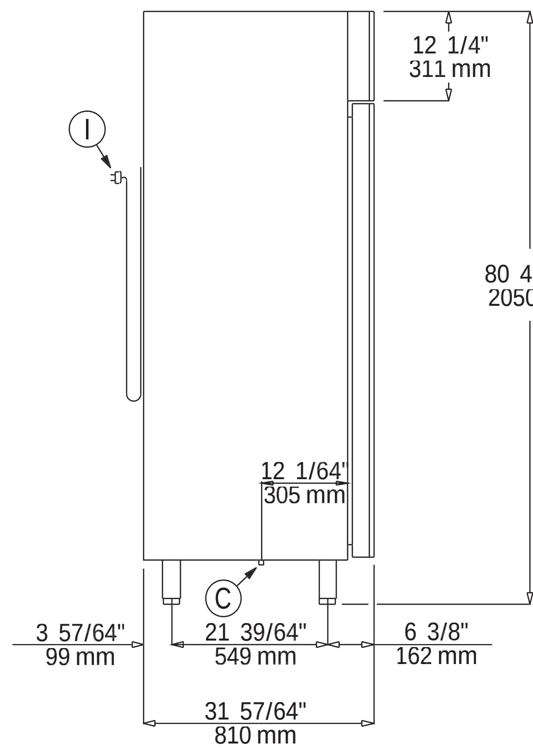
RÉFRIGÉRATEUR/CONGÉLATEUR 369,84 gallons / 1400 litres 2 TEMPÉRATURES

FRIGORÍFICO/CONGELADOR de 369,84 galones / 1400 litros 2 TEMPERATURAS

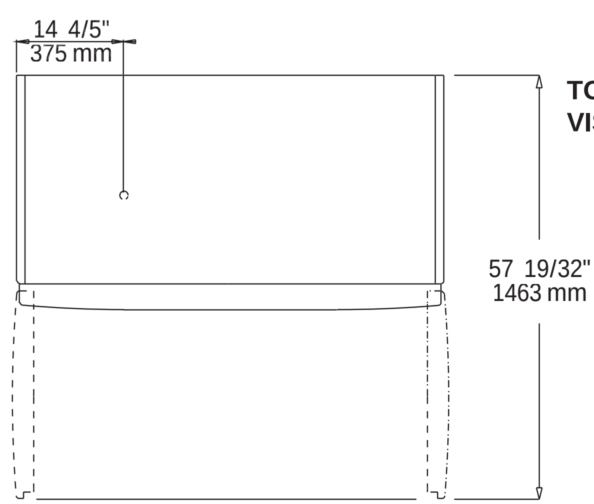
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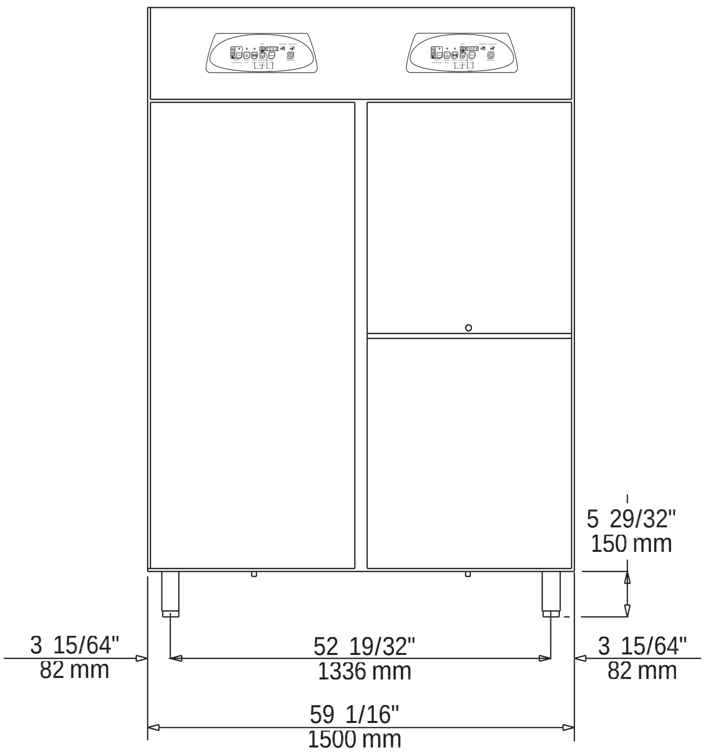
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INSTALLATION DIAGRAM
SCHEMA D'INSTALLAZIONE

FISH REFRIGERATOR 369.84 gallons / 1400 litres 1 DOOR + 2 ½ DOORS 2 TEMPERATURES

FRIGORIFERO ITTICO 369,84 galloni / 1400 litri 1 PORTA + 2 ½ PORTE 2 TEMPERATURE

FRONT VIEW - VISTA FRONTALE - VUE DE FACE - VISTA FRONTAL



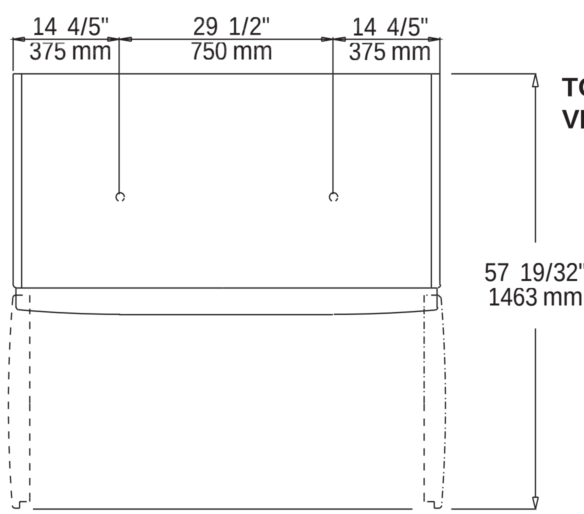
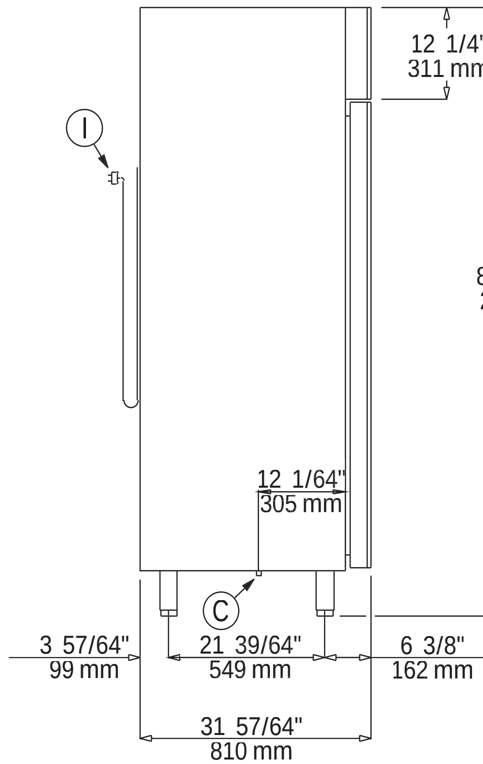


SCHÉMA D'INSTALLATION
DIAGRAMA DE INSTALACIÓN

RÉFRIGÉRATEUR À POISSON 369,84 gallons / 1400 litres 1 PORTE + 2 ½ PORTES 2 TEMPÉRATURES

FRIGORÍFICO DE PESCADO de 369,84 galones / 1400 litros 1 PUERTA + 2 MEDIAS PUERTAS 2 TEMPERATURAS

SIDE VIEW - VISTA LATERALE - VUE DE CÔTÉ - VISTA LATERAL



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INSTALLATION DIAGRAM
SCHEMA D'INSTALLAZIONE

REFRIGERATOR/FREEZER 369.84 gallons / 1400 litres 1 DOOR + 2 ½ DOORS 2 TEMPERATURES

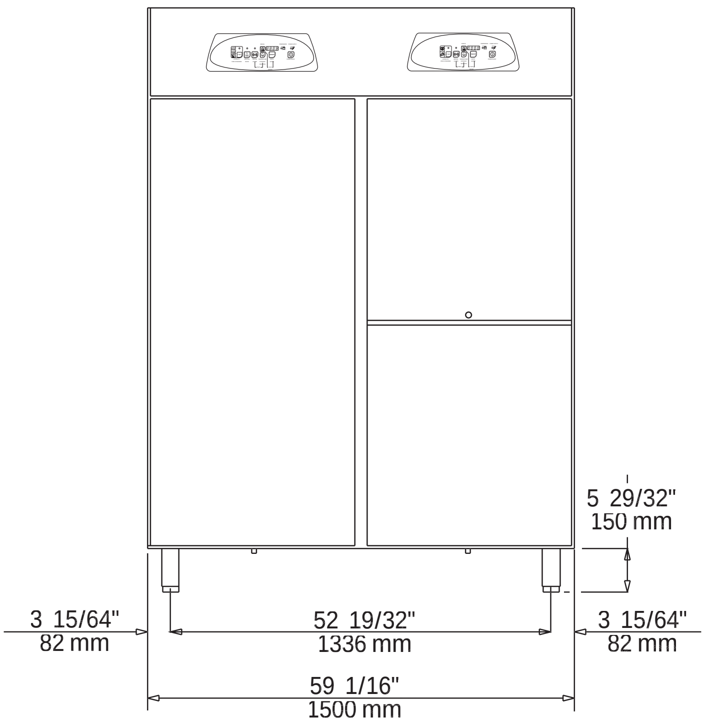
FRIGORIFERO/CONGELATORE 369,84 galloni / 1400 litri 1 PORTA + 2 ½ PORTE 2 TEMPERATURE

SCHÉMA D'INSTALLATION
DIAGRAMA DE INSTALACIÓN

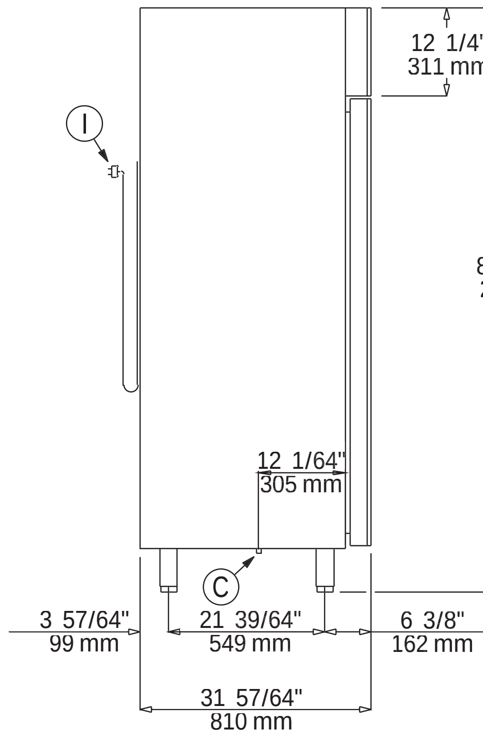
RÉFRIGÉRATEUR/CONGÉLATEUR 369,84 gallons / 1400 litres 1 PORTE + 2 ½ PORTES 2 TEMPÉRATURES

FRIGORÍFICO/CONGELADOR de 369,84 galones / 1400 litros 1 PUERTA + 2 MEDIAS PUERTAS 2 TEMPERATURAS

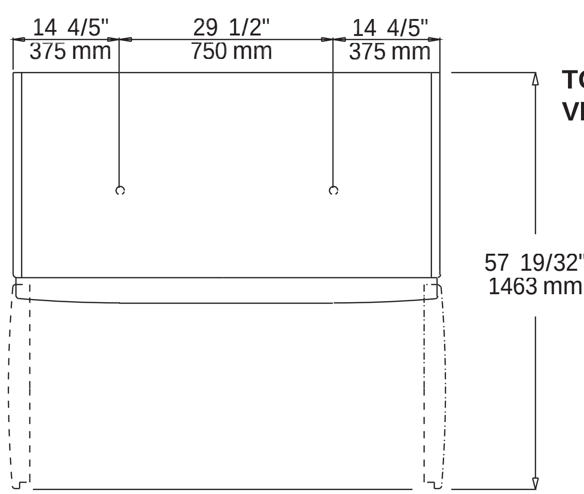
FRONT VIEW - VISTA FRONTALE - VUE DE FACE - VISTA FRONTAL



SIDE VIEW - VISTA LATERALE - VUE DE CÔTÉ - VISTA LATERAL



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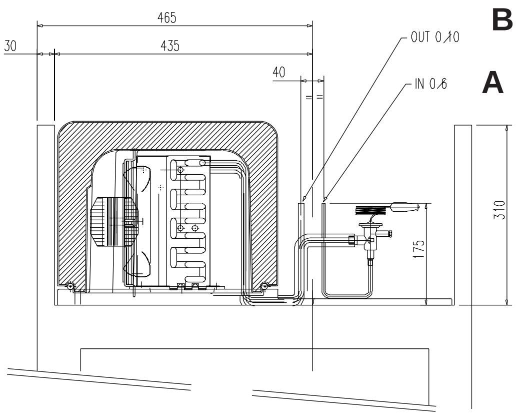
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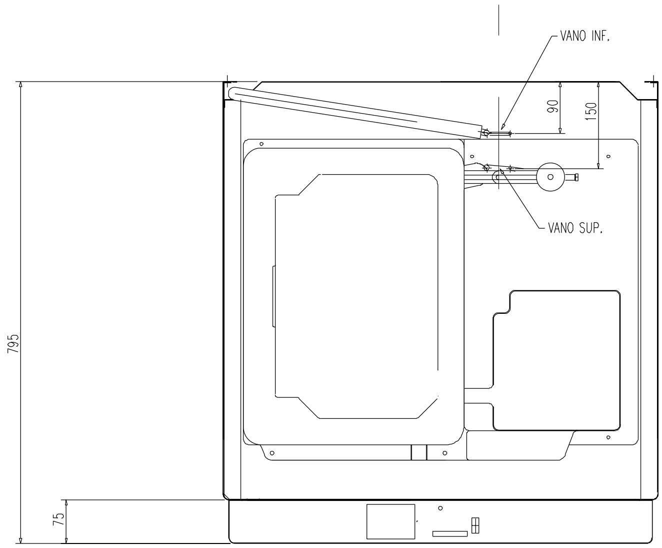
DIAGRAM FOR POSITIONING OF PIPES FOR REMOTE UNIT; APPLICABLE FOR REMOTE CABINETS 550/650 OR FOR REMOTE CABINETS 1200/1400 WITH TWO TEMPERATURES

SCHEMA POSIZIONAMENTO DEI TUBI PER GRUPPO REMOTO, VALIDO PER ARMADI REMOTI 550/650 OPPURE PER ARMADI REMOTI 1200/1400 A DUE TEMPERATURE

SCHÉMA DE MISE EN PLACE DES TUYAUX POUR GROUPE À DISTANCE, VALABLE POUR LES ARMOIRES PRÉDISPOSÉES POUR GROUPE À DISTANCE 550/650 OU POUR LES ARMOIRES 1200/1400 À DEUX TEMPÉRATURES PRÉDISPOSÉES POUR GROUPE À DISTANCE

ESQUEMA DE POSICIONAMENTO DOS TUBOS PARA O GRUPO REMOTO, VÁLIDO PARA ARMÁRIOS REMOTOS 550/650 OU PARA ARMÁRIOS REMOTOS 1200/1400 DE DUAS TEMPERATURAS





A= TUBO DI ASPIRAZIONE DIAMETRO ESTERNO 6 mm
B = TUBO DI MANDATA DIAMETRO ESTERNO 10 mm

A = SUCTION PIPE OUTSIDE DIAMETER 6 mm
B = DELIVERY PIPE OUTSIDE DIAMETER 10 mm

A = TUYAU D'ASPIRATION DIAMÈTRE EXTÉRIEUR 6 mm
B = TUYAU DE REFOULEMENT DIAMÈTRE EXTÉRIEUR 10 mm

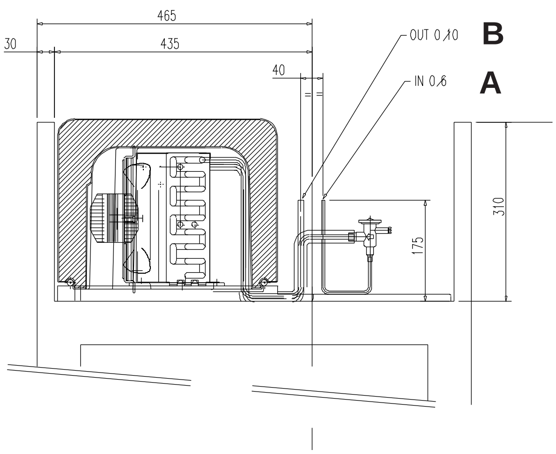
A = TUBO DE ASPIRACIÓN DIÁMETRO EXTERIOR 6 mm
B = TUBO DE DESCARGA DIÁMETRO EXTERIOR 10 mm

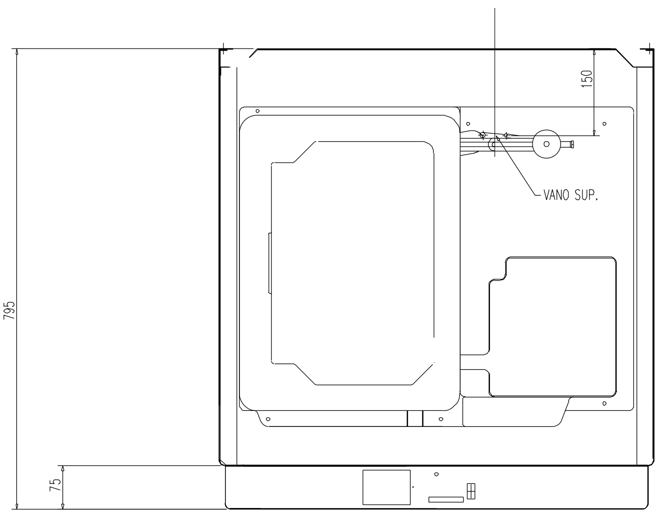
DIAGRAM FOR POSITIONING OF PIPES FOR REMOTE UNIT; APPLICABLE FOR REMOTE CABINETS 550/650 WITH TWO TEMPERATURES OR FOR CABINETS 1200/1400 WITH SMALL CELL (COMPARTMENT 350)

SCHEMA POSIZIONAMENTO DEI TUBI PER GRUPPO REMOTO VALIDO PER ARMADI 550/650 A DUE TEMPERATURE OPPURE PER ARMADI 1200/1400 CON CELLETTA (VANO 350)

SCHÉMA DE MISE EN PLACE DES TUYAUX POUR GROUPE À DISTANCE, VALABLE POUR LES ARMOIRES 550/650 À DEUX TEMPÉRATURES OU POUR LES ARMOIRES 1200/1400 AVEC PETITE CELLULE (COMPARTIMENT 350)

ESQUEMA DE MONTAJE DE LOS TUBOS PARA GRUPO REMOTO, VÁLIDO PARA ARMARIOS 550/650 DE DOS TEMPERATURAS O PARA ARMARIOS 1200/1400 CON CÁMARA PEQUEÑA (COMPARTIMIENTO 350)





A = SUCTION PIPE OUTSIDE DIAMETER 6 mm
B = DELIVERY PIPE OUTSIDE DIAMETER 10 mm

A = TUBO DI ASPIRAZIONE DIAMETRO ESTERNO 6 mm
B = TUBO DI MANDATA DIAMETRO ESTERNO 10 mm

A = TUYAU D’ASPIRATION DIAMÈTRE EXTÉRIEUR 6 mm
B = TUYAU DE REFOULEMENT DIAMÈTRE EXTÉRIEUR 10 mm

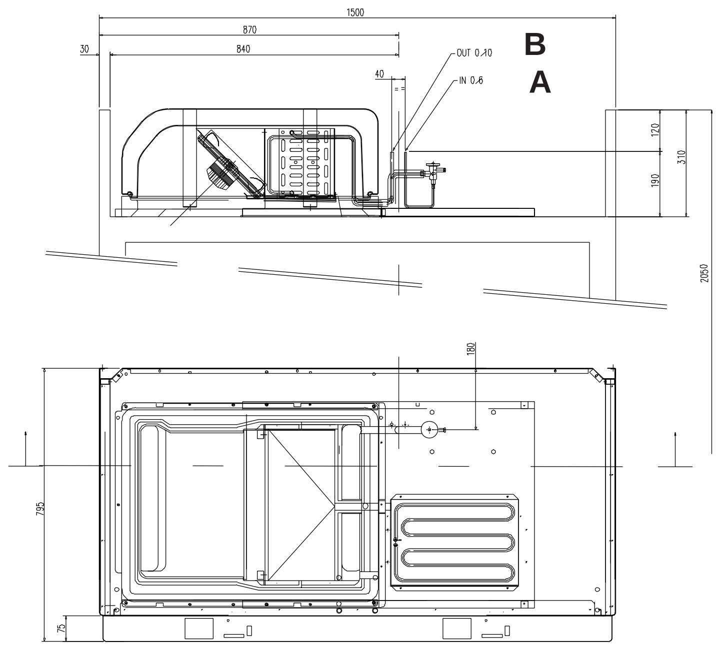
A = TUBO DE ASPIRACIÓN DIÁMETRO EXTERIOR 6 mm
B = TUBO DE DESCARGA DIÁMETRO EXTERIOR 10 mm

DIAGRAM FOR POSITIONING OF PIPES FOR REMOTE UNIT; APPLICABLE FOR CABINETS 1200/1400

SCHEMA POSIZIONAMENTO DEI TUBI PER GRUPPO REMOTO VALIDO PER ARMADI 1200/1400

SCHÉMA DE MISE EN PLACE DES TUYAUX POUR GROUPE À DISTANCE, VALABLE POUR LES ARMOIRES 1200/1400

ESQUEMA DE MONTAJE DE LOS TUBOS PARA GRUPO REMOTO, VÁLIDO PARA ARMARIOS 1200/1400
ESQUEMA DE POSICIONAMENTO DOS TUBOS PARA GRUPO REMOTO VÁLIDO PARA ARMÁRIOS 1200/1400



A = SUCTION PIPE OUTSIDE DIAMETER 6 mm
B = DELIVERY PIPE OUTSIDE DIAMETER 10 mm

A = TUBO DI ASPIRAZIONE DIAMETRO ESTERNO 6 mm
B = TUBO DI MANDATA DIAMETRO ESTERNO 10 mm

A = TUYAU D'ASPIRATION DIAMÈTRE EXTÉRIEUR 6 mm
B = TUYAU DE REFOULEMENT DIAMÈTRE EXTÉRIEUR 10 mm

A = TUBO DE ASPIRACIÓN DIÁMETRO EXTERIOR 6 mm
B = TUBO DE DESCARGA DIÁMETRO EXTERIOR 10 mm

"REFRIGERATOR" VERSION CONTROL PANEL
PANNELLO DI CONTROLLO VERSIONE "FRIGORIFERO"
PANNEAU DE COMMANDE VERSION RÉFRIGÉRATEUR"
PANEL DE CONTROL DE REFRIGERADOR

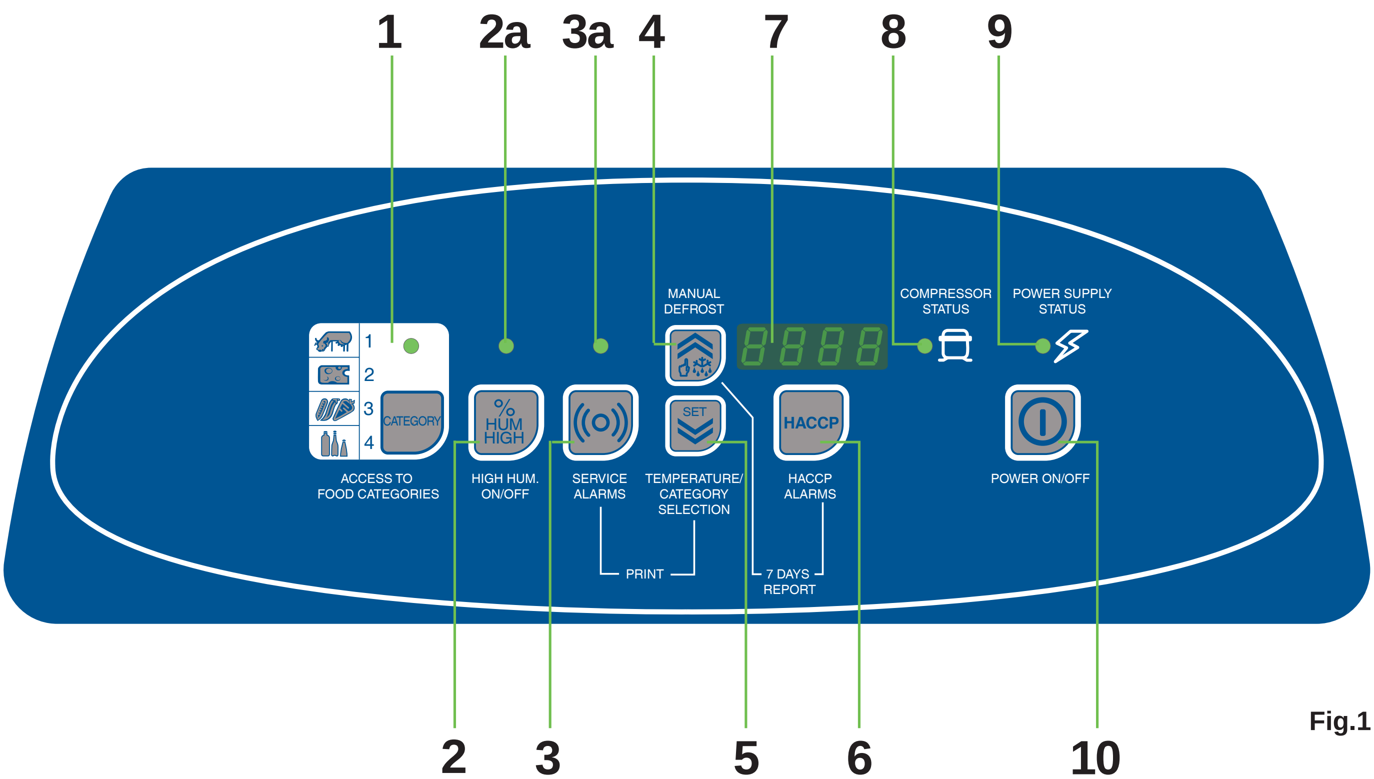


Fig.1

USA

1 - Access to Food Categories button
2 - High humidity ON/OFF button
2a - High humidity indicator light
3 - Service alarms button
3a - Service alarms indicator light
4 - Manual defrost / UP button
5 - Set temperature / Category selection / DOWN button
6 - HACCP alarms button
7 - Display
8 - Compressor status indicator light
9 - Power supply status indicator light
10 - Power ON/OFF button

IT

1 - Accesso al pulsante per le categorie degli alimenti
2 - Pulsante ON/OFF elevata umidità
2a - Spia elevata umidità
3 - Pulsante allarmi di servizio
3a - Spia allarmi di servizio
4 - Pulsante superiore: sbrinamento manuale
5 - Pulsante inferiore: Impostazione temperatura / Selezione categoria
6 - Pulsante allarmi HACCP
7 - Display
8 - Spia stato compressore
9 - Spia stato alimentazione
10 - Pulsante ON/OFF

FR

1 - Bouton ACCESS TO FOOD CATEGORIES
2 - Bouton HIGH HUMIDITY ON/OFF
2a - Témoin lumineux HIGH HUMIDITY
3 - Bouton SERVICE ALARMS
3a - Témoin lumineux SERVICE ALARMS
4 - Bouton MANUAL DEFROST / UP
5 - Bouton TEMPERATURE / CATEGORY SELECTION / DOWN
6 - Bouton HACCP ALARMS
7 - Affichage
8 - Témoin lumineux COMPRESSOR STATUS
9 - Témoin lumineux POWER SUPPLY STATUS
10 - Bouton ON/OFF

ES

1 - Acceso al botón de categorías de alimento
2 - Botón High humidity ON/OFF
2a - Luz indicadora de alta humedad
3 - Botón de alarmas de servicio
3a - Luz indicadora de alarmas de servicio
4 - Botón Manual defrost / UP
5 - Botón Set / Category / DOWN
6 - Botón de alarmas HACCP
7 - Indicador
8 - Luz indicadora de estado del compresor
9 - Luz indicadora de estado del suministro eléctrico
10 - Botón de encendido/apagado ON/OFF

"FREEZER" VERSION CONTROL PANEL
PANNELLO DI CONTROLLO VERSIONE "CONGELATORE"

PANNEAU DE COMMANDE VERSION "CONGÉLATEUR"
PANEL DE CONTROL DE CONGELADOR

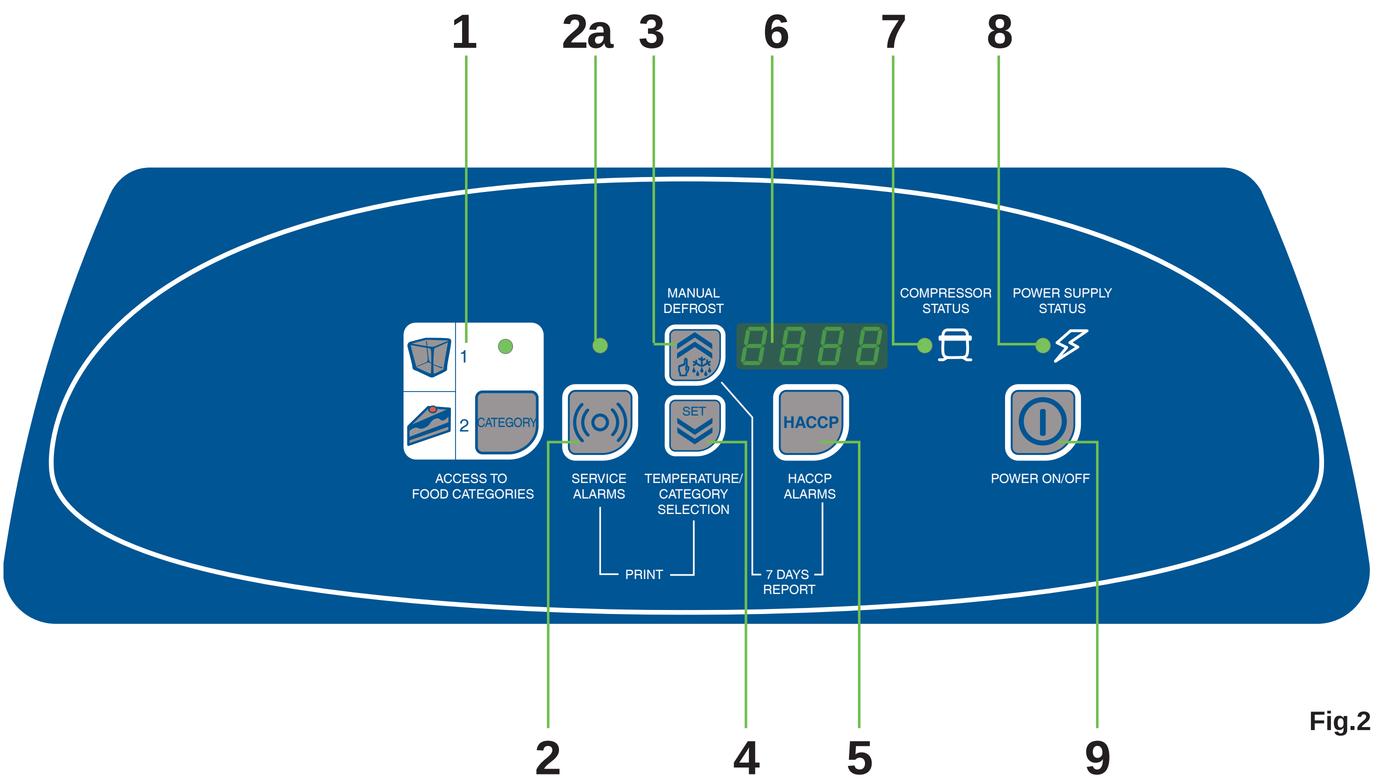


Fig.2

USA

1 - Access to Food Categories button
2 - Service alarms button
2a - Service alarms indicator light
3 - Manual defrost / UP button
4 - Set temperature / Category selection / DOWN button
5 - HACCP alarms button
6 - Display
7 - Compressor status indicator light
8 - Power supply status indicator light
9 - Power ON/OFF button

FR

1 - Bouton ACCESS TO FOOD CATEGORIES
2 - Bouton SERVICE ALARMS
2a - Témoin lumineux SERVICE ALARMS
3 - Bouton MANUAL DEFROST / UP
4 - Bouton TEMPERATURE / CATEGORY SELECTION / DOWN
5 - Bouton HACCP ALARMS
6 - Affichage
7 - Témoin lumineux COMPRESSOR STATUS
8 - Témoin lumineux POWER SUPPLY STATUS
9 - Bouton ON/OFF

IT

1 - Accesso al pulsante per le categorie degli alimenti
2 - Pulsante degli allarmi di servizio
2a - Spie allarmi di servizio
3 - Pulsante superiore: sbrinamento manuale
4 - Pulsante inferiore: Impostazione temperatura / Selezione categoria
5 - Pulsante allarmi HACCP
6 - Display
7 - Spia stato compressore
8 - Spia stato alimentazione
9 - Pulsante ON/OFF

ES

1 - Acceso al botón de categorías de alimento
2 - Botón de alarmas de servicio
2a - Luz indicadora de alarmas de servicio
3 - Botón Manual defrost / UP
4 - Botón Set / Category / DOWN
5 - Botón de alarmas HACCP
6 - Indicador
7 - Luz indicadora de estado del compresor
8 - Luz indicadora de estado del suministro eléctrico
9 - Botón de encendido/apagado ON/OFF

CONTROL PANEL "2-TEMPERATURE REFRIGERATOR" VERSION
PANNELLO DI CONTROLLO VERSIONE "FRIGORIFERO 2 TEMPERATURE"
PANNEAU DE COMMANDE VERSION "RÉFRIGÉRATEUR À 2 TEMPÉRATURES"
PANEL DE CONTROL DE "FRIGORÍFICO DE 2 TEMPERATURAS"

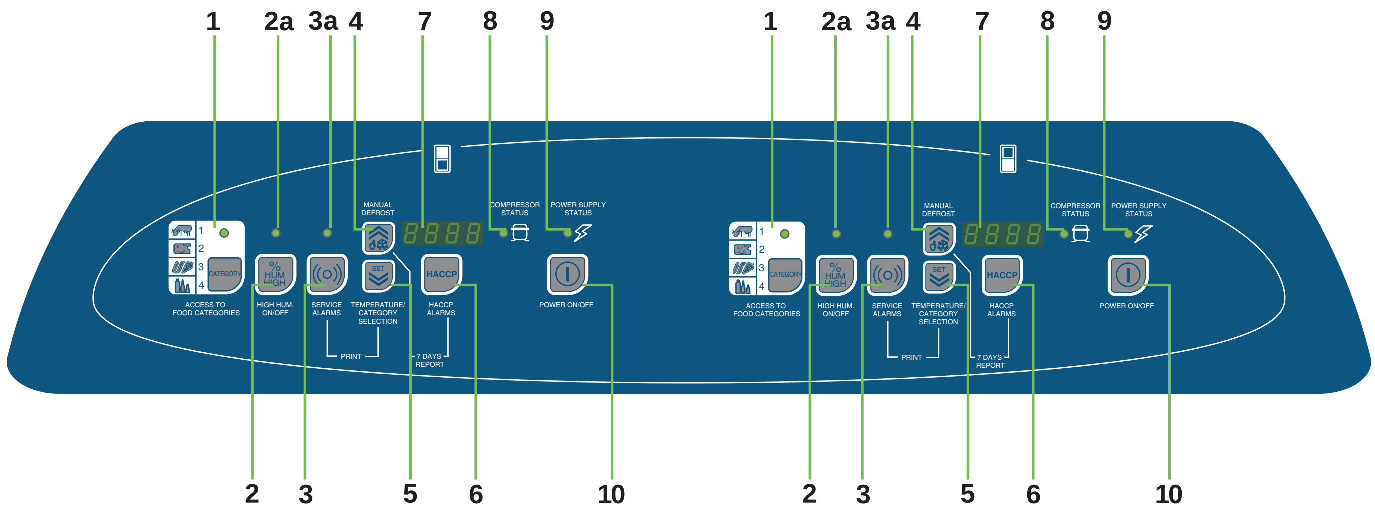


Fig.3

USA

1 - Access to Food Categories button
2 - High humidity ON/OFF button
2a - High humidity indicator light
3 - Service alarms button
3a - Service alarms indicator light
4 - Manual defrost / UP button
5 - Set temperature / Category selection / DOWN button
6 - HACCP alarms button
7 - Display
8 - Compressor status indicator light
9 - Power supply status indicator light
10 - Power ON/OFF button

IT

1 - Accesso al pulsante per le categorie degli alimenti
2 - Pulsante ON/OFF elevata umidità
2a - Spia elevata umidità
3 - Pulsante allarmi di servizio
3a - Spia allarmi di servizio
4 - Pulsante superiore: sbrinamento manuale
5 - Pulsante inferiore: Impostazione temperatura / Selezione categoria
6 - Pulsante allarmi HACCP
7 - Display
8 - Spia stato compressore
9 - Spia stato alimentazione
10 - Pulsante ON/OFF

FR

1 - Bouton ACCESS TO FOOD CATEGORIES
2 - Bouton HIGH HUMIDITY ON/OFF
2a - Témoin lumineux HIGH HUMIDITY
3 - Bouton SERVICE ALARMS
3a - Témoin lumineux SERVICE ALARMS
4 - Bouton MANUAL DEFROST / UP
5 - Bouton TEMPERATURE / CATEGORY SELECTION / DOWN
6 - Bouton HACCP ALARMS
7 - Affichage
8 - Témoin lumineux COMPRESSOR STATUS
9 - Témoin lumineux POWER SUPPLY STATUS
10 - Bouton ON/OFF

ES

1 - Acceso al botón de categorías de alimento
2 - Botón High humidity ON/OFF
2a - Luz indicadora de alta humedad
3 - Botón de alarmas de servicio
3a - Luz indicadora de alarmas de servicio
4 - Botón Manual defrost / UP
5 - Botón Set / Category / DOWN
6 - Botón de alarmas HACCP
7 - Indicador
8 - Luz indicadora de estado del compresor
9 - Luz indicadora de estado del suministro eléctrico
10 - Botón de encendido/apagado ON/OFF

CONTROL PANEL "2-TEMPERATURE REFRIGERATOR/ FREEZER" VERSION
PANNELLO DI CONTROLLO VERSIONE "FRIGORIFERO/ CONGELATORE 2 TEMPERATURE"
PANNEAU DE COMMANDE VERSION "RÉFRIGÉRATEUR/ CONGÉLATEUR À 2 TEMPÉRATURES"
PANEL DE CONTROL DE "FRIGORÍFICO/CONGELADOR DE 2 TEMPERATURAS"

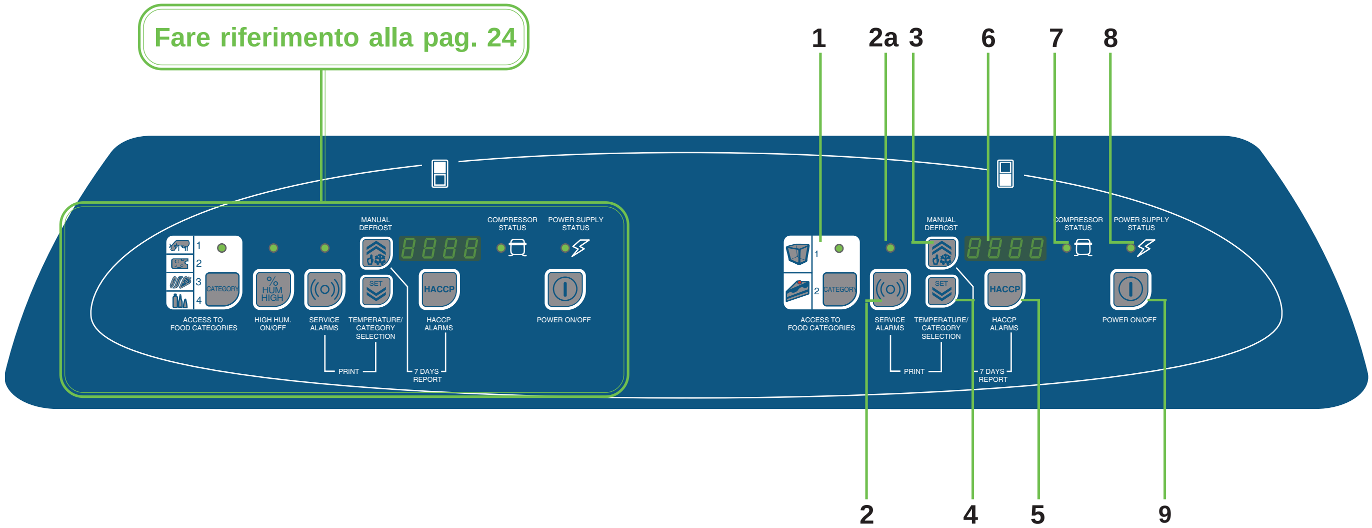


Fig.4

USA

1 - Access to Food Categories button
2 - Service alarms button
2a - Service alarms indicator light
3 - Manual defrost / UP button
4 - Set temperature / Category selection / DOWN button
5 - HACCP alarms button
6 - Display
7 - Compressor status indicator light
8 - Power supply status indicator light
9 - Power ON/OFF button

IT

1 - Accesso al pulsante per le categorie degli alimenti
2 - Pulsante degli allarmi di servizio
2a - Spie allarmi di servizio
3 - Pulsante superiore: sbrinamento manuale
4 - Pulsante inferiore: Impostazione temperatura / Selezione categoria
5 - Pulsante allarmi HACCP
6 - Display
7 - Spia stato compressore
8 - Spia stato alimentazione
9 - Pulsante ON/OFF

FR

1 - Bouton ACCESS TO FOOD CATEGORIES
2 - Bouton SERVICE ALARMS
2a - Témoin lumineux SERVICE ALARMS
3 - Bouton MANUAL DEFROST / UP
4 - Bouton TEMPERATURE / CATEGORY SELECTION / DOWN
5 - Bouton HACCP ALARMS
6 - Affichage
7 - Témoin lumineux COMPRESSOR STATUS
8 - Témoin lumineux POWER SUPPLY STATUS
9 - Bouton ON/OFF

ES

1 - Acceso al botón de categorías de alimento
2 - Botón de alarmas de servicio
2a - Luz indicadora de alarmas de servicio
3 - Botón Manual defrost / UP
4 - Botón Set / Category / DOWN
5 - Botón de alarmas HACCP
6 - Indicador
7 - Luz indicadora de estado del compresor
8 - Luz indicadora de estado del suministro eléctrico
9 - Botón de encendido/apagado ON/OFF

REVERSING OPENING OF THE DOORS
INVERSIONE APERTURA DELLE PORTE

INVERSION DU SENS D’OUVERTURE DES PORTES
CAMBIO DE DIRECCIÓN DE APERTURA DE LAS PUERTAS

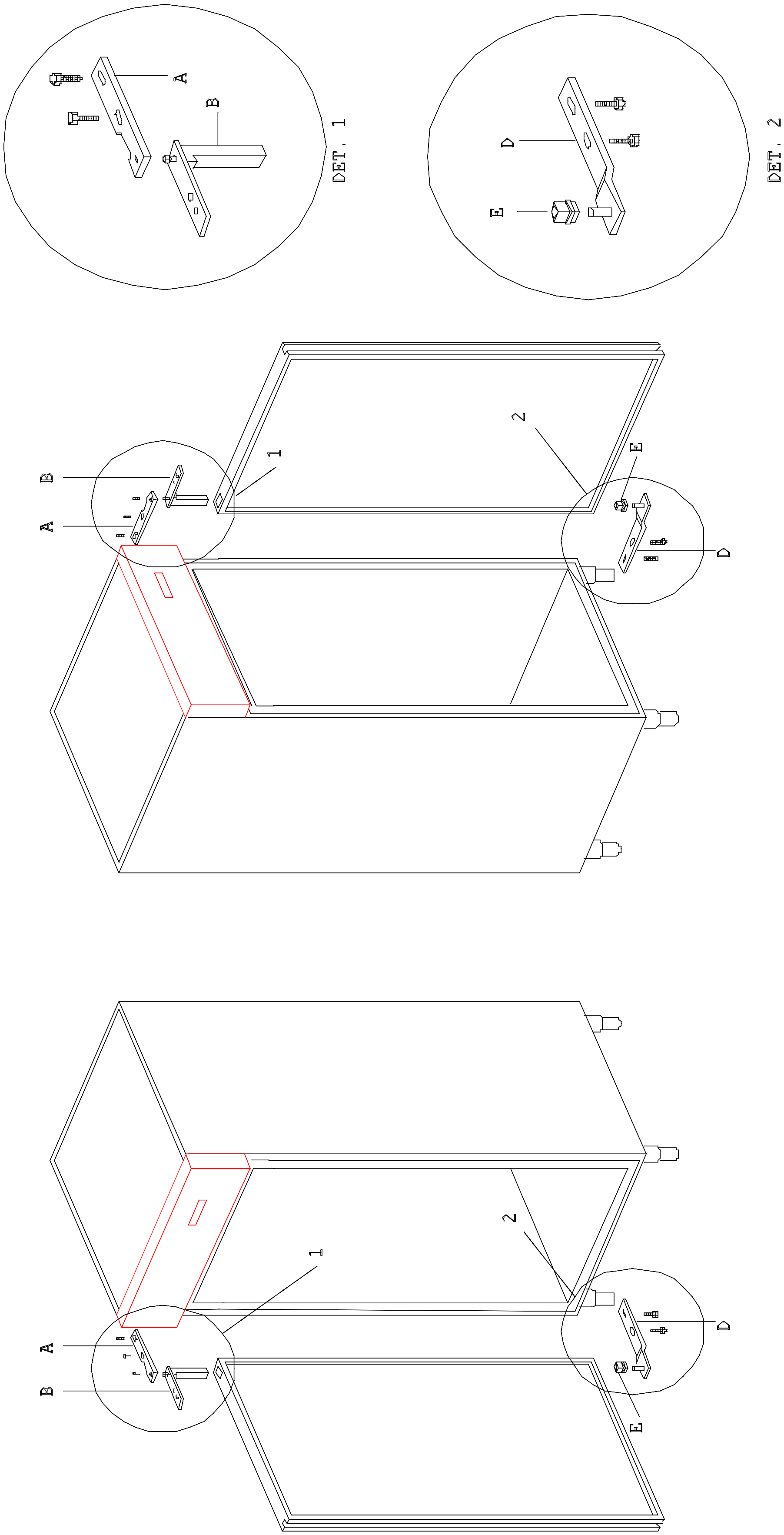


Fig.5

REVERSING OPENING OF HALF DOORS
INVERSIONE APERTURA DELLE MEZZE PORTE

INVERSION DU SENS D'OUVERTURE DES DEMI-PORTES
INVERSIÓN DEL SENTIDO DE APERTURA DE LAS MEDIAS PUERTAS

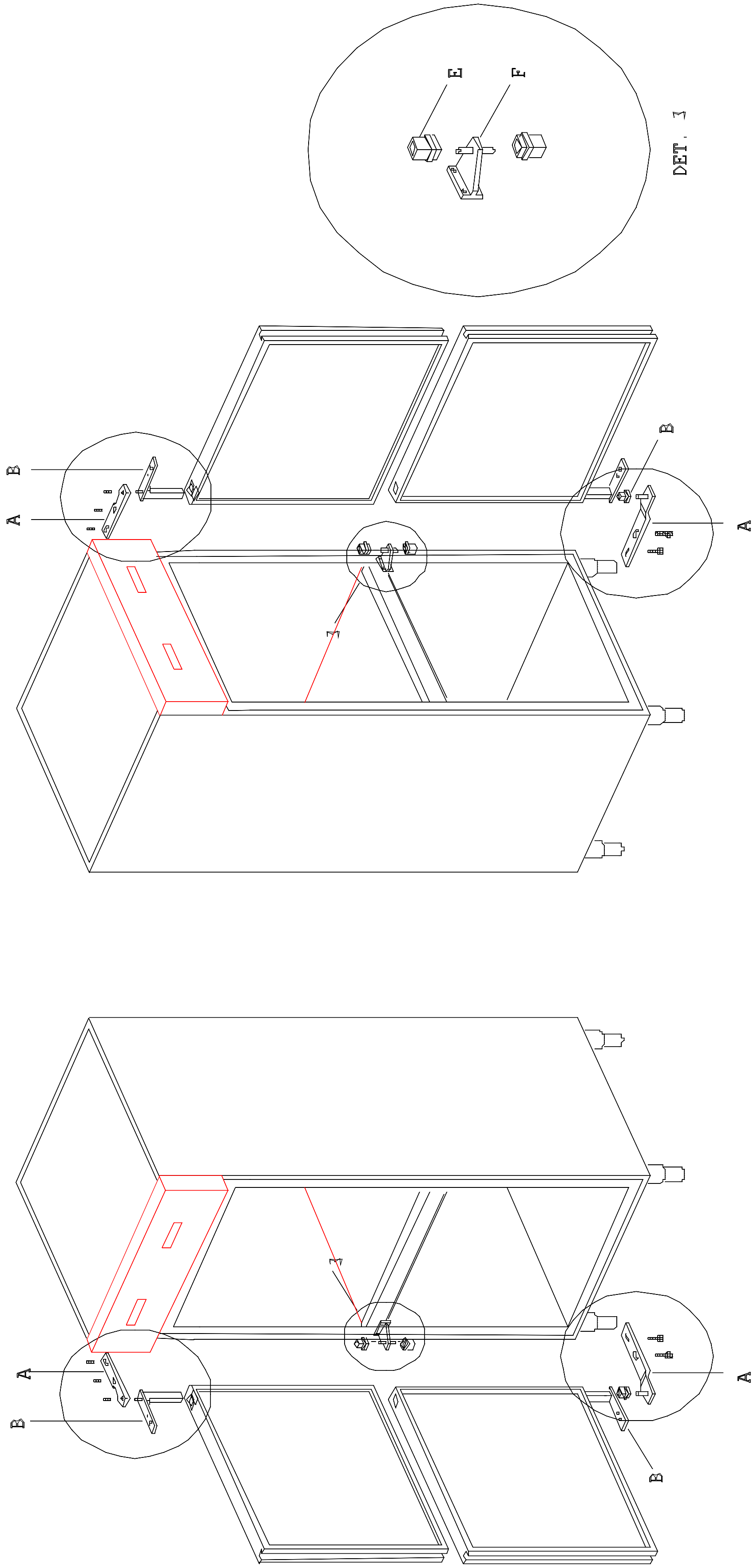


Fig.6

INCORRECT DISTRIBUTION OF FOOD
CARICO NON CORRETTO DEGLI ALIMENTI
CHARGEMENT DES ALIMENTS INCORRECT
CARGA INCORRECTA DE LOS ALIMENTOS



Fig.7

CORRECT DISTRIBUTION OF FOOD
CARICO CORRETTO DEGLI ALIMENTI
CHARGEMENT DES ALIMENTS CORRECT
CARGA CORRECTA DE LOS ALIMENTOS

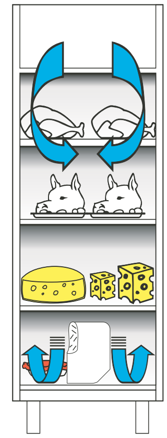


Fig.8

CLEANING OF THE CONDENSER
PULIZIA PERIODICA DEL CONDENSATORE
NETTOYAGE PÉRIODIQUE DU CONDENSEUR
LIMPIEZA PERIÓDICA DEL CONDENSADOR

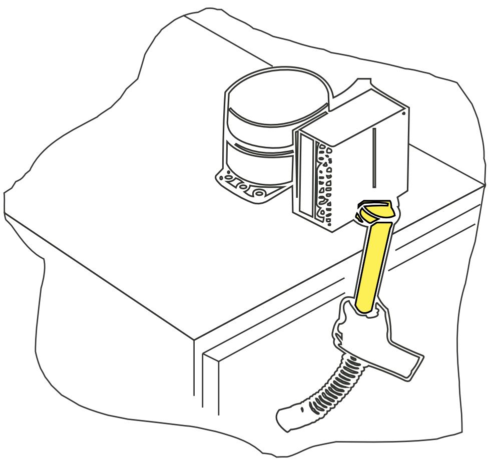


Fig.9

CLEANING THE CABINET HOUSING AND ACCESSORIES
PULIZIA DEL MOBILE E DEGLI ACCESSORI
NETTOYAGE DE L'APPAREIL ET DES ACCESSOIRES
LIMPIEZA DEL ARMARIO Y ACCESORIOS



Fig.10

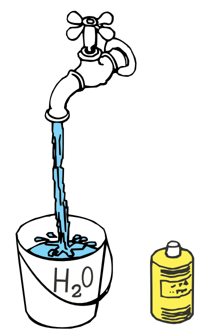


Fig.11

FUNCTIONAL SPACES
SPAZI FUNZIONALI
ESPACES FONCTIONNELS
ESPACIOS FUNCIONALES

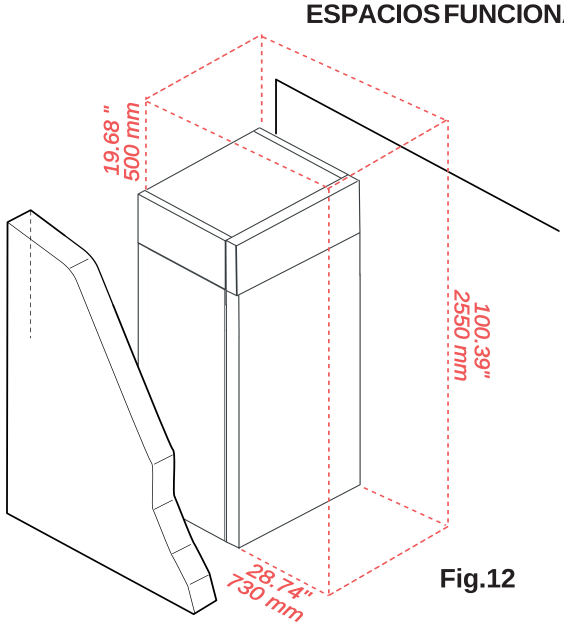


Fig.12

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Denna sida har avsiktligt lämnats tom
Tämä sivu on tarkoituksella tyhjä
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Denne siden er med hensikt blank

USA

TABLE OF CONTENTS

SAFETY INSTRUCTIONS

To reduce the risk of fire, electrical shock, or injury when using your appliance, please follow these basic precautions, particularly the following:

- Read all instructions before using your appliance.
- This manual does not cover every possible condition and situation that may occur. Use common sense and caution when installing, operating and maintaining this appliance.
- FOR YOUR SAFETY DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER SIMILAR APPLIANCE.
- The installation of this unit must conform to local codes or, in the absence of local codes, to all National Codes governing plumbing, sanitation, safety and good trade practices.
- **BEFORE SERVICING, DISCONNET THE ELECTRICAL SERVICE AND PLACE A RED TAG AT THE DISCONNECT SWITCH TO INDICATE WORK IS BEING DONE ON THAT CIRCUIT.**
- **NOTICE:** CONTACT YOUR AUTHORIZED SERVICE COMPANY TO PERFORM MAINTENANCE AND REPAIRS.
- **NOTICE:** Using any parts other than genuine factory manufactured parts relieves the manufacturer of all warranty and liability.
- **NOTICE:** Manufacturer reserves the right to change specifications at any time without notice.
- **WARNING:** The appliance warranty is not valid unless the appliance is installed, started and demonstrated under the supervision of a factory trained installer.
- **WARNING:** The unit must be installed by personnel who are qualified to work with electricity and plumbing. Improper installation can cause injury to personnel and/or damage to the appliance. The unit must be installed in accordance with applicable codes.

SAVE THESE INSTRUCTIONS

A.1 GENERAL INFORMATION

A.1.1 FOREWORD

The purpose of this manual is to provide the necessary information for the correct installation, operation, use and maintenance of the appliance.

Consequently, the manual and all the technical documentation enclosed with the appliance must be kept with the appliance at all times so that they can be consulted by the technician or end user. It is important to inform the appliance user about regulations concerning safety during and after installation.

Read the instructions in the manual carefully before carrying out any operation whatsoever on the appliance, as they give important information about the standards and rules governing its installation and safe use. **Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury or death. Failure to observe the instructions in this manual when carrying out any operations on the appliance will relieve the manufacturer of all liability. The manufacturer also declines any responsibility in the event of problems caused by the use of non-original spare parts.**

No part of this manual may be reproduced.

A.1.2 INTENDED USE AND LIMITATIONS

This appliance has been designed for the refrigeration and preservation of foodstuffs. Any other use is to be considered improper.

ATTENTION: these appliances are not suitable for installation outdoors and/or in environments subject to natural elements (rain, direct sunlight, etc.).

The manufacturer declines all liability for any improper use of the product.

A.1.3 TESTING

Our appliances have been designed and optimised with laboratory testing to give high performance and efficiency. The product has gone through 100% testing and is ready for use. The certificates guaranteeing that the tests (visual inspection - electrical test - functional test) have been passed are included with the appliance and are included in specific enclosures. (section D.5).

A.1.4 GENERAL SAFETY RULES

The appliance is manufactured in compliance with the following directives:

- Hygiene: **ANSI / NSF 7**
- Safety: **ANSI / UL 471**
- **CAN / CSA C22.2 No.120 - M91**

Current regulations in force are applicable.

For models:

RH06RE1FEU, RH06FE1FEU, RH14RE2FEU, RH14FE2FEU, RH14DD2FU, RH14DFD2FU, RH14DD3U, RH14DFD3U, RH06RE2HU, RH06FE2HU, RH14RE4HU, RH14FE4HU.

A.1.5 CUSTOMER'S RESPONSIBILITIES

A fused disconnect switch or a main circuit breaker (customer furnished) MUST be installed in the electric supply line for the appliance. It is recommended that this switch/circuit breaker have lockout/tagout capability. Before making any electrical connections to this appliance, check that the power supply is adequate for the voltage, amperage, and phase requirements on the rating plate. The customer also must provide a grounded electrical line cord of suitable capacity for the input specified on the data plate.

A.1.6 DATA PLATE POSITION

The data plate with all the appliance specifications is located on the refrigeration unit compartment at the top right hand side. There is also a plate bearing the appliance's PNC code and serial number located underneath the logo.

A.1.7 PHYSICAL SAFETY FEATURES, HAZARDS

The appliance has no sharp or projecting parts.

DANGER! DO NOT REMOVE. There are guards on the units to prevent access to components which require air movement.

A 1.8 IMMEDIATE INSPECT FOR SHIPPING DAMAGE

The container should be examined for damage before and during unloading. The freight carrier has assumed responsibility for its safe transit and delivery. If damaged equipment is received, either apparent or concealed, a claim must be made with the delivering carrier. Apparent damage or loss must be noted on the freight bill at the time of delivery. The freight bill must then be signed by the carrier representative (Driver). If the bill is not signed, the carrier may refuse the claim. The supplier can supply the necessary forms. A request for inspection must be made to the carrier within 15 days if there is concealed damage or loss that is not apparent until after the equipment is uncrated. The carrier should arrange an inspection. Be certain to hold all contents plus all packing material. Under no circumstances should a damaged appliance be returned to the manufacturer without prior notice and written authorization.

A.2 TECHNICAL DATA

A.2.1 MATERIALS AND FLUIDS USED

All areas designed to come into contact with food are in steel or covered in non-toxic plastic material. An HFC refrigerant, in compliance with current legal standards, is used in the refrigerating units. The type of refrigerant gas used is stated on the data plate.

A.2.2 DIMENSIONS, PERFORMANCE AND CONSUMPTION

Refrigerator model 171.71 gallons / 650 litres (1 fully-insulated door, 1 fully-insulated door "energy saving", 2 ½ fully-insulated doors)

Gross capacity	171.71 gallons	650 litres
External dimensions:		
- Width	23.62"	600 mm
- Depth with door closed	26.18"	665 mm
- Depth with door open	47.24"	1200 mm
- Height	83.15"	2112 mm
Compartment dimensions:		
- Width	21.26"	540 mm
- Depth	21.65"	550 mm
- Height	58.42"	1484 mm
Rack dimensions	20.87"x15.75"	530x400 mm
Power supply		120V single-phase 60Hz
Internal temp. range	28°F/50°F	-2°C/+10°C
Max. room temp.	+109.4°F	+43°C
Current absorbed (°)		6A
Refrigerant charge R134a	0.529 lbs	240 g
Refrigerant capacity(R134a) (1)		396 W
Refrigerant capacity(R134a) (2)		841 W

No. and type of defrosts (*)min. 1 every 24 hours x max. 30'

(°) At room temperature 104°F/40°C.

(1) At room temperature 89.6°F/32°C, dew point 131°F/+55°C and evaporation temperature 14°F/-10°C.

(²) ASHRAE PERFORMANCE: room temperature 89.6°F/ +32°C, dew point 129.92°F/+54.4°C and evaporation temperature 44.96°F/+7.2°C.
(*) Automatic (by means of electronic board)

Freezer model 171.71 gallons / 650 l (1 fully-insulated door)

Gross capacity	171.71 gallons	650 l
External dimensions:		
- Width	23.62"	600 mm
- Depth with door closed	26.18"	665 mm
- Depth with door open	47.24"	1200 mm
- Height	83.15"	2112 mm
Compartment dimensions:		
- Width	21.26"	540 mm
- Depth	21.65"	550 mm
- Height	58.42"	1484 mm
Rack dimensions	20.87"x15.75"	530x400 mm
Power supply		120V single-phase 60Hz
Internal temp. range	-11.2°F/+5°F	-24°C/-15°C
Max. room temp.	+109.4°F	+43°C
Current absorbed (°)		12 A
Refrigerant charge R404A (model: 1 door)	0.595 lbs	270 g
Refrigerant charge R404A (model: 2½ doors and "energy saving")	0.551 lbs	250 g
Refrigerant capacity (R404A) (¹)		1721 W
Refrigerant capacity (R404A) (²)		882 W
No. and type of defrosts (*)	min. 1 every 12 hours x max. 30'	

(°) At room temperature 104°F/40°C.
(¹) At room temperature 89.96°F/32.2°C, dew point 129.92°F/ +54.4°C and evaporation temperature 14°F/ -10°C.
(²) ASHRAE PERFORMANCE: room temperature 89.96°F/ +32.2°C, dew point 129.92°F/+54.4°C and evaporation temperature -9.94°F/-23.3°C.
(*) Automatic (by means of electronic board)

Refrigerator model 369.84 gallons / 1400 litres (2 fully-insulated doors, 2 fully-insulated doors "energy saving", 4 ½ fully-insulated doors)

Gross capacity	369.84 gallons	1400 litres
External dimensions:		
- Width	23.62"	600 mm
- Depth with door closed	26.18"	665 mm
- Depth with door open	47.24"	1200 mm
- Height	83.15"	2112 mm
Compartment dimensions:		
- Width	21.26"	540 mm
- Depth	21.65"	550 mm
- Height	58.42"	1484 mm
Rack dimensions	20.87"x15.75"	530x400 mm
Power supply	120V single-phase 60Hz	
Internal temp. range	28°F/50°F	-2°C/+10°C
Max. room temp.	+109.4°F	+43°C
Current absorbed (°)		12 A
Refrigerant charge R134a	0.771 lbs	350 g
Refrigerant capacity (R134a) (¹)		525 W
Refrigerant capacity (R134a) (2)		1137 W
No. and type of defrosts (*)	min. 1 every 24 hours x max. 30'	

(°) At room temperature 104°F/40°C.
(¹) At room temperature 89.6°F/32°C, dew point 131°F/+55°C and evaporation temperature 14°F/-10°C.
(²) ASHRAE PERFORMANCE: room temperature 89.6°F/ +32°C, dew point 129.92°F/+54.4°C and evaporation temperature 44.96°F/+7.2°C.
(*) Automatic (by means of electronic board)

Freezer model 369.84 gallons / 1400 litres

Gross capacity	369.84 gallons	1400 litres
External dimensions:		
- Width	23.62"	600 mm
- Depth with door closed	26.18"	665 mm
- Depth with door open	47.24"	1200 mm
- Height	83.15"	2112 mm
Compartment dimensions:		
- Width	21.26"	540 mm
- Depth	21.65"	550 mm
- Height	58.42"	1484 mm
Rack dimensions	20.87"x15.75"	530x400 mm
Power supply	120V single-phase 60Hz	
Internal temp. range	-11.2°F/+5°F	-24°C/-15°C
Max. room temp.	+109.4°F	+43°C
Current absorbed (°)		15 A
Refrigerant charge R404A (model: 2 doors)	0.892 lbs	405 g
Refrigerant charge R404A (model: 4½ doors and "energy saving")	0.815 lbs	370 g
Refrigerant capacity (R404A) (¹)		2535 W
Refrigerant capacity (R404A) (²)		1319 W
No. and type of defrosts (*)	min. 1 every 12 hours x max. 30'	

(°) At room temperature 104°F/40°C.
(¹) At room temperature 89.96°F/32.2°C, dew point 129.92°F/ +54.4°C and evaporation temperature 14°F/-10°C.
(²) ASHRAE PERFORMANCE: room temperature 89.96°F/ +32.2°C, dew point 129.92°F/+54.4°C and evaporation temperature -9.94°F/-23.3°C.
(*) Automatic (by means of electronic board)

Refrigerator model 171.71 gallons / 650 litres 2 ½ doors 2 temperatures

Gross capacity	171.71 gallons	650 litres
External dimensions:		
- Width	29.53"	750 mm
- Depth with door closed	31.89"	810 mm
- Depth with door open	57.60"	1463 mm
- Height	80.71"	2050 mm
Compartment dimensions:		
- Width	23.62"	600 mm
- Depth	26.18"	665 mm
- Height	26.10+26.10"	663+663 mm
Rack dimensions	20.87"x25.59"	530x650 mm
Power supply		120V single-phase 60Hz
Internal temp. range (a)	28°F/50°F	-2°C/+10°C
Internal temp. range (b)	28°F/50°F	-2°C/+10°C
Max. room temp.	+109.4°F	+43°C
Total current absorbed (°)		10 A
Refrigerant charge R134a (a)	0.462 lbs	210 g
Refrigerant charge R134a (b)	0.396 lbs	180 g
Refrigerant capacity (R134a) (¹)		260 W/260 W
Refrigerant capacity (R134a) (²)		556 W/556 W
No. and type of defrosts (*)	min. 1 every 24 hours x max. 30'	

(°) At room temperature 104°F/40°C.
(¹) At room temperature 89.6°F/32°C, dew point 131°F/+55°C and evaporation temperature 14°F/-10°C.
(²) ASHRAE PERFORMANCE: room temperature 89.6°F/

+32°C, dew point 129.92°F/+54.4°C and evaporation temperature 44.96°F/+7.2°C.
(*) Automatic (by means of electronic board)

Refrigerator/freezer model 171.71 gallons / 650 litres 2 ½ doors 2 temperatures

Gross capacity	171.71 gallons	650 l
External dimensions:		
- Width	29.53"	750 mm
- Depth with door closed	31.89"	810 mm
- Depth with door open	57.60"	1463 mm
- Height	80.71"	2050 mm
Compartment dimensions:		
- Width	23.62"	600 mm
- Depth	26.18"	665 mm
- Height	26.10+26.10"	663+663 mm
Rack dimensions	20.87"x25.59"	530x650 mm
Power supply 60Hz		120V single-phase
Internal temp. range (a)	28°F/50°F	-2°C/+10°C
Internal temp. range (b)	-7.6°F/8.6°F	-22°C/-13°C
Max. room temp.	+109.4°F	+43°C
Total current absorbed (°)		12 A
Refrigerant charge R134a (a)	0.462 lbs	210 g
Refrigerant charge R404A (b)	0.275 lbs	125 g
Refrigerant capacity (R134a/R404A) (1)		260 W
Refrigerant capacity (R404A) (2)		717 W
Refrigerant capacity (R134a) (**)		556 W

No. and type of defrosts (*)min. 1 every 12 hours x max. 30'

(°) At room temperature 104°F/40°C.
(1) At room temperature 89.96°F/32.2°C, dew point 129.92°F/+54.4°C and evaporation temperature 14°F/-10°C.
(2) ASHRAE PERFORMANCE: room temperature 89.96°F/+32.2°C, dew point 129 .92°F/+54.4°C and evaporation temperature -9.94°F/-23.3°C.
(**) ASHRAE PERFORMANCE: room temperature 89.6°F/+32°C, dew point 129.92°F/+54.4°C and evaporation temperature 44.96°F/+7.2°C.
(*) Automatic (by means of electronic board)

Refrigerator model 369.84 gallons / 1400 litres 2 temperatures ("energy saving")

Gross capacity	369.84 gallons	1400 litres
External dimensions:		
- Width	59.05"	1500 mm
- Depth with door closed	31.89"	810 mm
- Depth with door open	57.60"	1463 mm
- Height	80.71"	2050 mm
Compartment dimensions:		
- Width	23.62+23.62"	600+600 mm
- Depth	26.18"	665 mm
- Height	56.69+56.69"	1440+1440 mm
Rack dimensions	20.87"x25.59"	530x650 mm
Power supply 60Hz		120V single-phase
Internal temp. range (a)	28°F/50°F	-2°C/+10°C
Internal temp. range (b)	28°F/50°F	-2°C/+10°C
Max. room temp.	+109.4°F	+43°C
Total current absorbed (°)		12 A
Refrigerant charge R134a (a)	0.529 lbs	240 g
Refrigerant charge R134a (b)	0.529 lbs	240 g
Refrigerant capacity (R134a) (1)		396 W
Refrigerant capacity (R134a) (2)		841 W

No. and type of defrosts (*)min. 1 every 24 hours x max. 30'

(°) At room temperature 104°F/40°C.
(1) At room temperature 89.6°F/32°C, dew point 131°F/+55°C and evaporation temperature 14°F/- 10°C.
(2) ASHRAE PERFORMANCE : room temperature 89.6°F/+32°C, dew point 129.92°F/+54.4°C and evaporation temperature 44.96°F/+7.2°C.
(*) Automatic (by means of electronic board)

Refrigerator/freezer model 369.84 gallons / 1400 litres 2 temperatures ("energy saving")

Gross capacity	369.84 gallons	1400 l
External dimensions:		
- Width	59.05"	1500 mm
- Depth with door closed	31.89"	810 mm
- Depth with door open	57.60"	1463 mm
- Height	80.71"	2050 mm
Compartment dimensions:		
- Width	23.62+23.62"	600+600 mm
- Depth	26.18"	665 mm
- Height	56.69+56.69"	1440+1440 mm
Rack dimensions	20.87"x25.59"	530x650 mm
Power supply 60Hz		120V single-phase
Internal temp. range (a)	28°F/50°F	-2°C/+10°C
Internal temp. range (b)	-11.2°F/5°F	-24°C/-15°C
Max. room temp.	+109.4°F	+43°C
Total current absorbed (°)		16 A
Refrigerant charge R134a (a)	0.529 lbs	240 g
Refrigerant charge R404A (b)	0.551 lbs	250 g
Refrigerant capacity (R134a/R404A) (1)	396 W	1721 W
Refrigerant capacity (R404A) (2)		882 W
Refrigerant capacity (R134a) (**)		841 W

No. and type of defrosts (*)min. 1 every 12 hours x max. 30'

(°) At room temperature 104°F/40°C.
(1) At room temperature 89.96°F/32.2°C, dew point 129.92°F/+54.4°C and evaporation temperature 14°F/-10°C.
(2) ASHRAE PERFORMANCE: room temperature 89.96°F/+32.2°C, dew point 129.92°F/+54.4°C and evaporation temperature -9.94°F/-23.3°C.
(**) ASHRAE PERFORMANCE : room temperature 89.6°F/+32°C, dew point 129.92°F/+54.4 °C and evaporation temperature 44.96°F/+7.2°C.
(*) Automatic (by means of electronic board)

Fish refrigerator model 369.84 gallons / 1400 litres 1 door + 2 ½ doors 2 temperatures ("energy saving")

Gross capacity	369.84 gallons	1400 litres
External dimensions:		
- Width	59.05"	1500 mm
- Depth with door closed	31.89"	810 mm
- Depth with door open	57.60"	1463 mm
- Height	80.71"	2112 mm
Compartment dimensions:		
- Width	23.62+23.62"	600+600 mm
- Depth	26.18"	665 mm
- Height	(56.69") (26.10"+26.10")	(1440)(663+663) mm
Rack dimensions	20.87"x25.59"	530x650 mm
Power supply 60Hz		120V single-phase
Appliance total power	490 W	390 W
Internal temp. range (a)	28°F/50°F	-2°C/+10°C
Internal temp. range (b)	28°F/50°F	-2°C/+10°C

Max. room temp.	+109.4°F	+43°C
Total current absorbed (°)		12 A
Type of refrigerant	R134a	R134a
Refrigerant charge	0.595 lbs/0.529 lbs	270 g/240 g
Refrigerant capacity(¹)	526 W	396 W
Refrigerant capacity(²)	1137 W	841 W
Defrost power	450 W	450 W

No. and type of defrosts (*)min. 1 every 24 hours x max. 30'

(°) At room temperature 104°F/40°C.
(¹) At room temperature 89.6°F/32°C, dew point 131°F/+55°C and evaporation temperature 14°F/- 10°C.
(²) ASHRAE PERFORMANCE : room temperature 89.6°F/+32°C, dew point 129.92°F/+54.4°C and evaporation temperature 44.96°F/+7.2°C.
(*) Automatic (by means of electronic board)

Refrigerator model 171.71 gallons / 650 litres, remote unit (1door, 2 ½ doors)

Gross capacity	171.71 gallons	650 l
External dimensions:		
- Width	29.53"	750 mm
- Depth with door closed	31.89"	810 mm
- Depth with door open	57.60"	1463 mm
- Height	80.71"	2050 mm

Compartment dimensions:		
- Width	23.62"	600 mm
- Depth	26.18"	665 mm
- Height	26.10+26.10"	663+663 mm
Rack dimensions	20.87"x25.59"	530x650 mm

Power supply	20V single-phase 60Hz	
Internal temp. range (a)	28°F/50°F	-2°C/+10°C
Internal temp. range (b)	-7.6°F/8.6°F	-22°C/-13°C
Max. room temp.	+109.4°F	+43°C
Total current absorbed (°)		5A

Refrigerant capacity (R134A) (¹)	1251 W
Refrigerant capacity (R134A) (²)	578 W
No. and type of defrosts (*)min.	1 every 24 hours x max. 30'

(°) At room temperature 104°F/40°C.
(¹) At room temperature 89.6°F/32°C, dew point 131°F/+55°C and evaporation temperature 14°F/-10°C
(²) ASHRAE PERFORMANCE: room temperature 89.6°F/+32°C, dew point 129.92°F/+54.4°C and evaporation temperature 44.96°F/+7.2°C.
(*) Automatic (by means of electronic board)

Recommended condenser unit:	**mod.**	**GP 12TE**
Compressor power:	Hp	3/8
Max. dist. cond. unit - vert. refr. (**)	m.	15
Max. ht. diff. cond. unit - vert. refr. (**)	m.	3
Suction pipe cross section (mm):		
-inside	Ø	6
Delivery pipe cross section (mm):		
-inside	Ø	10

(**)Greater distances require condenser units with greater power.

Freezer model 171.71 gallons / 650 litres, remote unit (1 door, 2 ½ doors)

Gross capacity	171.71 gallons	650 l
External dimensions:		
- Width	29.53"	750 mm
- Depth with door closed	31.89"	810 mm
- Depth with door open	57.60"	1463 mm
- Height	80.71"	2050 mm

Compartment dimensions:		
- Width	23.62"	600 mm
- Depth	26.18"	665 mm
- Height	26.10+26.10"	663+663 mm
Rack dimensions	20.87"x25.59"	530x650 mm

Power supply	20V single-phase 60Hz	
Internal temp. range (a)	28°F/50°F	-2°C/+10°C
Internal temp. range (b)	-7.6°F/8.6°F	-22°C/-13°C
Max. room temp.	+109.4°F	+43°C
Total current absorbed (°)		5A

Refrigerant capacity (R404A) (¹)	1408 W
Refrigerant capacity (R404A) (²)	916 W
No. and type of defrosts (*)min.	1 every 12 hours x max. 30'

(°) At room temperature 104°F/40°C.
(¹) At room temperature 89.96°F/32.2°C, dew point 129.92°F/+54.4°C and evaporation temperature 14°F/-10°C.
(²) ASHRAE PERFORMANCE: room temperature 89.96°F/+32.2°C, dew point 129.92°F/+54.4°C and evaporation temperature -9.94°F/-23.3°C.
(*) Automatic (by means of electronic board)

Recommended condenser unit:	**mod.**	**CAJ2446Z**
Compressor power:	Hp	3/4
Max. dist. cond. unit - vert. refr. (**)	m.	15
Max. ht. diff. cond. unit - vert. refr. (**)	m.	3
Suction pipe cross section (mm):		
-inside	Ø	12,7
Delivery pipe cross section (mm):		
-inside	Ø	9,5

(**)Greater distances require condenser units with greater power.

Refrigerator model 369.84 gallons / 1400 litres, remote unit, (2 doors, 4 **½ doors)**

Gross capacity	369.84 gallons	1400 litres
External dimensions:		
- Width	23.62"	600 mm
- Depth with door closed	26.18"	665 mm
- Depth with door open	47.24"	1200 mm
- Height	83.15"	2112 mm
Compartment dimensions:		
- Width	21.26"	540 mm
- Depth	21.65"	550 mm
- Height	58.42"	1484 mm
Rack dimensions	20.87"x15.75"	530x400 mm
Power supply	120V single-phase 60Hz	
Internal temp. range	-11.2°F/+5°F	-24°C/-15°C
Max. room temp.	+109.4°F	+43°C
Current absorbed (°)		10 A
Refrigerant capacity (R134A) (1)		1401 W
Refrigerant capacity (R134A) (2)		640 W
No. and type of defrosts (*)min.		1 every 24 hours x max. 30'

(°) At room temperature 104°F/40°C.
(1) At room temperature 89.6°F/32°C, dew point 131°F/+55°C and evaporation temperature 14°F/-10°C.
(2) ASHRAE PERFORMANCE: room temperature 89.6°F/+32°C, dew point 129.92°F/+54.4°C and evaporation temperature 44.96°F/+7.2°C.
(*) Automatic (by means of electronic board)

Recommended condenser unit:	**mod.**	**GP14TE**
Compressor power:	Hp	3/8
Max. dist. cond. unit - vert. refr. (**)	m.	15
Max. ht. diff. cond. unit - vert. refr. (**)	m.	3
Suction pipe cross section (mm):		
-inside	Ø	9,5
Delivery pipe cross section (mm):		
-inside	Ø	6,35

(**)Greater distances require condenser units with greater power.

Freezer model 369.84 gallons / 1400 litres, remote unit, (2 doors, 4 **½ doors)**

Gross capacity	369.84 gallons	1400 litres
External dimensions:		
- Width	23.62"	600 mm
- Depth with door closed	26.18"	665 mm
- Depth with door open	47.24"	1200 mm
- Height	83.15"	2112 mm
Compartment dimensions:		
- Width	21.26"	540 mm
- Depth	21.65"	550 mm
- Height	58.42"	1484 mm
Rack dimensions	20.87"x15.75"	530x400 mm
Power supply	120V single-phase 60Hz	
Internal temp. range	-11.2°F/+5°F	-24°C/-15°C
Max. room temp.	+109.4°F	+43°C
Current absorbed (°)		10 A
Refrigerant capacity (R404A) (1)		1823 W
Refrigerant capacity (R404A) (2)		1196 W
No. and type of defrosts (*)min.		1 every 12 hours x max. 30'

°)At room temperature 104°F/40°C.
(1) At room temperature 89.96°F/32.2°C, dew point 129.92°F/+54.4°C and evaporation temperature 14°F/-10°C.
(2) ASHRAE PERFORMANCE: room temperature 89.96°F/+32.2°C, dew point 129.92°F/+54.4°C and evaporation temperature -9.94°F/-23.3°C.
(*) Automatic (by means of electronic boar

Recommended condenser unit:	**mod.**	**GP14TE**
Compressor power:	Hp	1
Max. dist. cond. unit - vert. refr. (**)	m.	15
Max. ht. diff. cond. unit - vert. refr. (**)	m.	3
Suction pipe cross section (mm):		
-inside	Ø	12,7
Delivery pipe cross section (mm):		
-inside	Ø	9,5

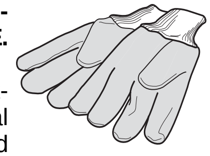
(**)Greater distances require condenser units with greater power.

Refrigerator/freezer model 369.84 gallons / 1400 litres 1 door + 2 ½ doors 2 temperatures ("energy saving")

Gross capacity	369.84 gallons	1400 litres
External dimensions:		
- Width	59.05"	1500 mm
- Depth with door closed	31.89"	810 mm
- Depth with door open	57.60"	1463 mm
- Height	80.71"	2112 mm
Compartment dimensions:		
- Width	23.62+23.62"	600+600 mm
- Depth	26.18"	665 mm
- Height	(56.69") (26.10"+26.10")	(1440)(663+663) mm
Rack dimensions	20.87"x25.59"	530x650 mm
Power supply		120V single-phase 60Hz
Appliance total power	490 W	390 W
Internal temp. range (a)	28°F/50°F	-2°C/+10°C
Internal temp. range (b)	-11.2°F/5°F	-24°C/-15°C
Max. room temp.	+109.4°F	+43°C
Total current absorbed (°)		16 A
Type of refrigerant	R134a	R404A
Refrigerant charge (R134a/R404A)	0.595 lbs/0.551 lbs	270 g/250 g
Refrigerant capacity (R134a/R404A) (1)	526 W	1721 W
Refrigerant capacity (R404A)(2)		882 W
Refrigerant capacity (R134a)(**)		1137 W
Defrost power	450 W	450 W
No. and type of defrosts (*)min. 1 every 12 hours x max. 30'		

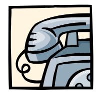
(°) At room temperature 104°F/40°C.
(1) At room temperature 89.96°F/32.2°C, dew point 129.92°F/ +54.4°C and evaporation temperature 14°F/ -10°C.
(2) ASHRAE PERFORMANCE: room temperature 89.96°F/ +32.2°C, dew point 129.92°F/+54.4°C and evaporation temperature -9.94°F/-23.3°C.
(**) ASHRAE PERFORMANCE: room temperature 89.6°F/ +32°C, dew point 129.92°F/+54.4°C and evaporation temperature 44.96°F/+7.2°C.
(*) Automatic (by means of electronic board)

B.1 INSTALLATION



WEAR PROTECTIVE GLOVES WHEN UNPACKING AND INSTALLING THE APPLIANCE.

Read these instructions carefully before attempting installation. Installation and initial startup should be performed by a qualified installer. Unless the installation instructions for this product are followed by a qualified service technician (a person experienced in and knowledgable with the installation of commercial equipment) then the terms and conditions on the Manufacturer's Warranty will be rendered void and no warranty of any kind shall apply.



IF IN DOUBT PLEASE CONTACT LOCAL SERVICE AGENCY.



CAUTION:

the operations described below should be carried out in compliance with current safety regulations, with reference both to the equipment used and the operating procedures.

IMPORTANT: before moving the appliance, make sure that the load-bearing capacity of the lifting equipment to be used is suitable for the weight of the appliance.

B.1.1 REMOVING THE PACKAGING

B.1.1.1 Removing the packaging and handling

Cut the straps and remove the protective film, taking care not to scratch the sheet metal if scissors or blades are used. Remove the top (in cardboard), the polystyrene corners and the vertical protection pieces. For appliances with stainless-steel cabinets, carefully remove the protective film without tearing it, to avoid leaving glue stuck to the surface.
Should this happen, remove the traces of glue with a non-corrosive solvent, rinsing it off and drying carefully. It is advisable to go over all the s/steel surfaces with a rag soaked in vaseline oil, in order to form a protective film. Use a transpallet or fork-lift truck to lift appliances. Inserting the forks under the pallet, lift the appliance and carry it to the place of installation, making sure that the load is balanced.



WARNING:

during handling do not push or pull the unit: it may tip over or be damaged.

B.1.1.2 Disposing of the packing

Packing materials should be disposed of in accordance with the binding laws in the country where the appliance is to be used.
Recyclable plastic parts are marked as follows:



PE

polythene: outer wrapping, instructions booklet bag



PP

polypropylene: straps

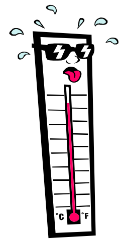


PS

polystyrene foam: corner pads

pressed board: protective surround elements

B.1.2 POSITIONING

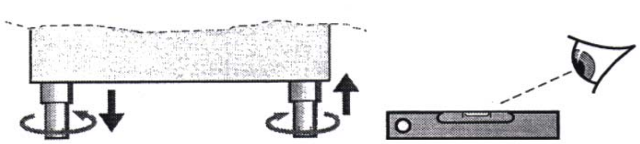


Install the equipment, taking all the safety precautions required for this type of operation, also respecting the relevant fire-prevention instructions.
Place the appliance in a ventilated room and away from heat sources such as radiators or air-conditioning systems, in order to allow the cooling of the refrigerating unit components.
Never cover the condenser, not even temporarily, as this may jeopardise the operation of both the condenser and the appliance.
Make sure to position the appliance taking into consideration the space needed for door opening.
Pay particular attention to levelling of the floor on which the appliance stands, in order to ensure its optimal operation.

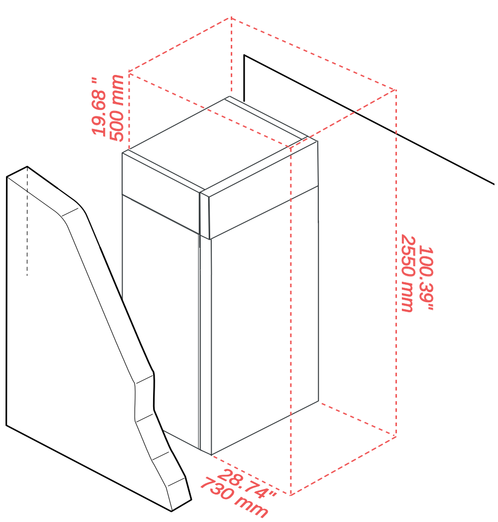
IMPORTANT:

level the appliance, otherwise its operation could be compromised.

Use the height-adjustable feet to make sure the appliance is level, and at the same time check that the door closes properly.



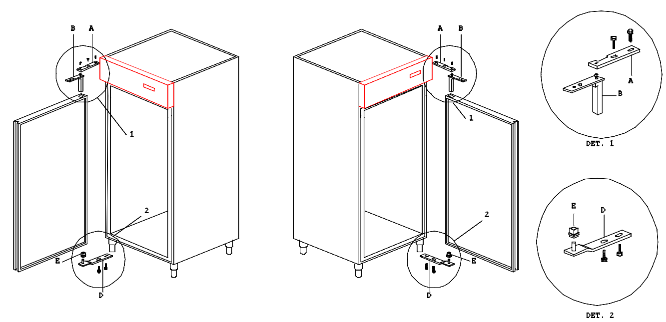
For trouble-free operation of the appliance, it is recommended that a gap of at least 19.68"/ 500mm be left between the appliance and the ceiling.
Should the appliance be installed in rooms where there are corrosive substances (chlorine, etc.), it is advisable to go over all the stainless steel surfaces with a cloth coated with vaseline oil, in order to form a protective film.
The maximum ambient temperature at which the appliances may operate is +109.4°F/+43°C.



Note: the power plug should be accessible even after having placed the appliance in its final position for installation.

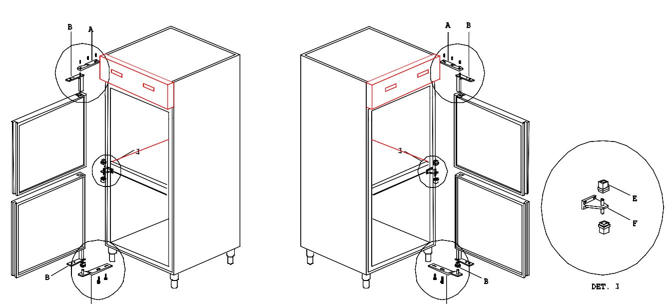
B.1.3 REVERSING OPENING OF DOORS (Fig.5)

Single-door refrigerated cupboards are normally supplied with right opening.
When changing to left opening, proceed as follows:
- disconnect from the power supply;
- open the control panel, loosening the 2 screws located between the panel and the door;
- undo the 2 screws fixing bracket "**A**" and the screw fixing hinge **"B"** (Detail 1);
- remove the door, the hinge **"B"** and the component **"E"**, then reverse their assembly;
- remove the lower bracket **"D"**, refitting it in the special seat on the opposite side (Detail 2);
- position the door on the lower bracket **"D"**;
- position the upper bracket **"A"** between the door and the top of the equipment, screwing the fixing bolts;
- before tightening the screws, align the door with respect to the side of the unit, operating the lower and upper brackets and checking correct fitting of the seal on all sides of the unit;
- then tighten the bracket fixing bolts;
- reconnect the power supply.



B.1.4 REVERSING OPENING OF HALF DOORS (Fig.6)

Single-door refrigerated cupboards are normally supplied with right opening.
When changing to left opening, proceed as follows:
- disconnect the power supply;
- open the control panel, loosening the 2 screws located between the panel and door;
- undo the 2 fixing screws of bracket **"A"** and the fixing screw of hinge **"B"**;
- remove the door;
- remove the middle bracket **"F"** and remove the bottom door;
- remove the lower bracket **"A"** refitting it on the opposite side in the special seat;
- position the bottom door on the lower bracket **"A"**;
- fix the middle bracket **"F"**;
- position the top door on the middle bracket **"F"**;
- fix the upper bracket **"A"** between the door and the roof of the unit, screwing the fixing bolts;
- before tightening the screws, align the door with the side of the cabinet by moving the lower and upper brackets, checking correct fitting of the seal on all sides of the cabinet;
- then tighten the bracket fixing bolts.



Note: After carrying out the above operations, close the holes on the unit with the special plastic caps.

B.1.5 ELECTRICAL CONNECTION

When making the electrical connection, carefully comply with the information on the dataplate.
The appliance works on 120V/1ph/60Hz.



CAUTION:

Connection to the electrical mains must be carried out in accordance with current regulations and the standards required by the National Electric Code (NEC), known as NFPA 70.

Please check:
Connection to the main power must be carried out in accordance with binding rules and standards.
Before connecting, **make sure that:**

- The line cord has an efficient grounding connection and the main power frequency corresponds to that stated on the data plate. If you have doubts on the efficiency of the grounding connection have the circuit checked by a qualified technician.
- The appliance must be connected to the main power with a permanent connection.
- In order to protect the appliance from possible overloads or short-circuits, a fused disconnect switch or a main circuit breaker (customer furnished) MUST be installed in the electric supply line for the appliance. It is recommended that this switch/circuit breaker have lockout/tagout capability. Before making any electrical connections to this appliance, check that the power supply is adequate for the voltage, amperage, and phase requirements on the rating plate. The customer also must provide a grounded electrical line cord of suitable capacity for the input specified on the data plate.
- After making the connection and with the appliance running, check that the rated level does not fluctuate by ± 10%.

The connection must be made with cable of a suitable amperage and voltage.

The manufacturer will accept no liability for any damage or injury resulting from the violation of the above rules or of the current electrical safety standards in the country where the appliance is used.

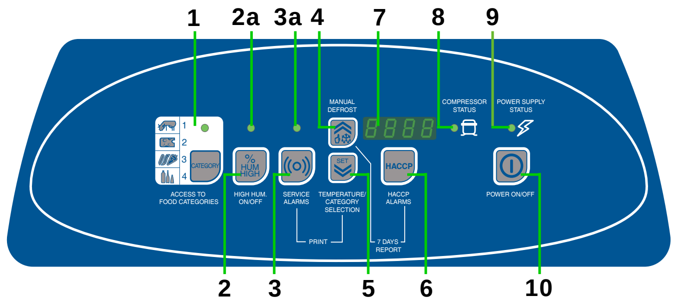
B.1.6 WATER CONNECTION

The machine has a drainage outlet where any liquids in the chamber collect for drainage.
Connect the chamber drain outlet **"C"** (only for refrigerator models), to be found on the bottom of the appliance and closed with a plug, to a drain.
The drain outlet diameter is **"0.69" / 17.5 mm"**; it is therefore advisable to connect it to a drain pipe of **"0.69" / 17.5 mm"**.
Note: the drain must be siphoned to an open drain in order to prevent any back-flow from the sewage system from reaching the piping inside the chamber.

C.1 OPERATIONS and USER INSTRUCTIONS

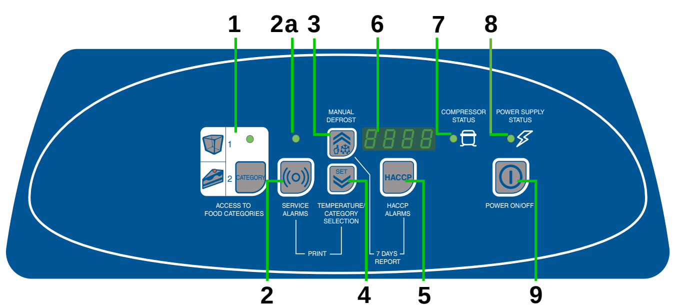
C.1.1 CONTROL PANELS (refer to fig.1/2/3/4)

C.1.1.1 "Refrigerator" version control panel



1 - Access to Food Categories button
2 - High humidity ON/OFF button
2a - High humidity indicator light
3 - Service alarms button
3a - Service alarms indicator light
4 - Manual defrost / UP button
5 - Set temperature / Category selection / DOWN button
6 - HACCP alarms button
7 - Display
8 - Compressor status indicator light
9 - Power supply status indicator light
10 - Power ON/OFF button

C.1.1.2 "Freezer" version control panel

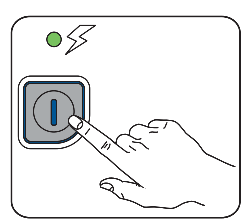


1 - Access to Food Categories button
2 - Service alarms button
2a - Service alarms indicator light
3 - Manual defrost / UP button
4 - Set temperature / Category selection / DOWN button
5 - HACCP alarms button
6 - Display
7 - Compressor status indicator light
8 - Power supply status indicator light
9 - Power ON/OFF button

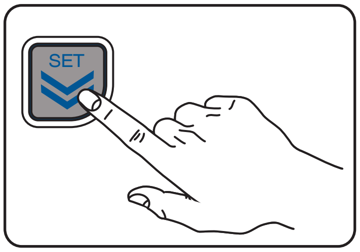
C.1.2 INITIAL SWITCH-ON AND TEMPERATURE ADJUSTMENT

The appliance features an **ON/OFF** switch for activating it.

Turn on the appliance by pressing the **ON/OFF** button:



To set the chamber temperature, follow these steps:
- press and hold **SET/DOWN** button for 5 seconds,

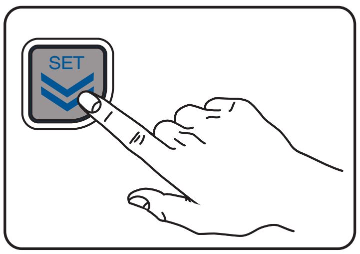


the **SET TEMPERATURE** value appears on the display

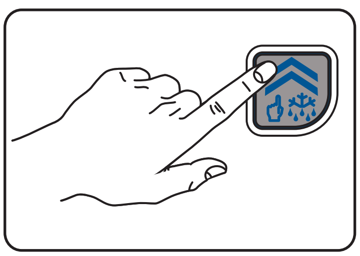


the **Unit of Measure Indicator light** starts flashing.

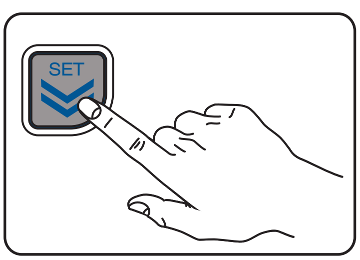
- To change the SET temperature, press **SET/DOWN** button or **MANUAL DEFROST/UP** button within 15 seconds



or

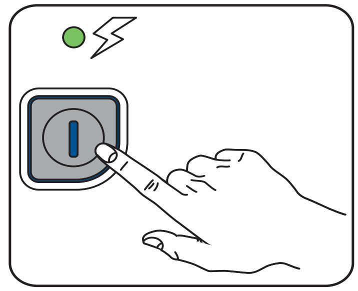


- To store the new set value, wait until it stops flashing to exit the program

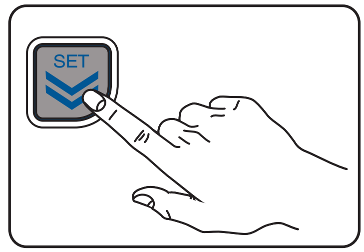


If a selection is not made after 15 seconds, the last value displayed will be confirmed automatically and the chamber temperature display is restored.

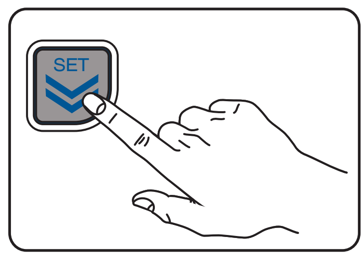
Example of setting:
- switch on the appliance



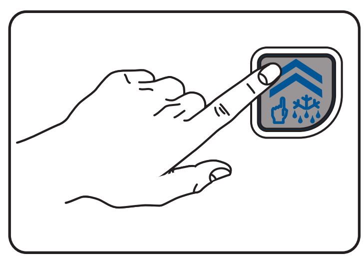
- **confirm the set temperature**



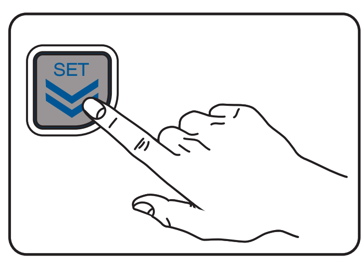
- press SET/DOWN button or MANUAL DEFROST/UP button



or



- To store the new set value, wait until it stops flashing to exit the program



Here below the temperature range for the appliances:

171.71 gallons/650 lt and 369.84 gallons/1400 lt Refrigerator models
Position **"MIN"** = 28°F / -2°C
Position **"MAX"** = +50°F / +10°C

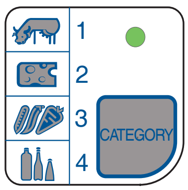
171.71 gallons/650 lt and 369.84 gallons/1400 lt Freezer models

Position **"MIN"** = -8°F / -22°C
Position **"MAX"** = 9°F / -13°C

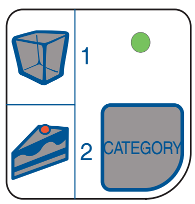
C.1.3 STORAGE USING CATEGORIES BUTTON

By selecting the **"CATEGORY"** of food to be preserved, the appliance creates the right balance between **temperature** and **humidity in the chamber** for optimum preservation of the particular product stored.

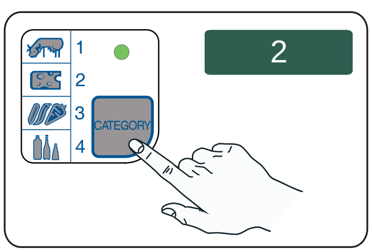
For **"Refrigerator" models** there are 4 pre-set categories:
CATEGORY n. 1 red meat
CATEGORY n. 2 cheese and meat dishes
CATEGORY n. 3 fruit and vegetables
CATEGORY n. 4 drinks.



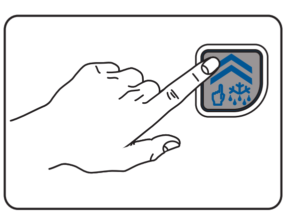
For **"Freezer" models** there are 2 pre-set categories:
CATEGORY n. 1 frozen food
CATEGORY n. 2 ice cakes



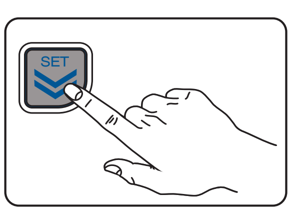
Keeping button pressed down will display the selected category;



if **"NONE"** is displayed, this means that the function is disabled.
To select the category, press **MANUAL DEFROST/UP** or **SET/DOWN** button

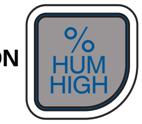


or



once selected, if a selection is not made after 5 seconds, the last category displayed will be confirmed automatically and stored.

C.1.4 "HIGH HUMIDITY ON/OFF" BUTTON



(only for Refrigerator models)

"HIGH HUMIDITY ON/OFF" button can be pressed to make the appliance operate with a high humidity level. An indicator light comes on when the high humidity function is selected.
With button pressed (High RU %):

- average humidity reading with ambient temperature **109.4°F/ +43°C**, chamber temperature **35.6°F/+2°C:**

R.H. = ~ 80%

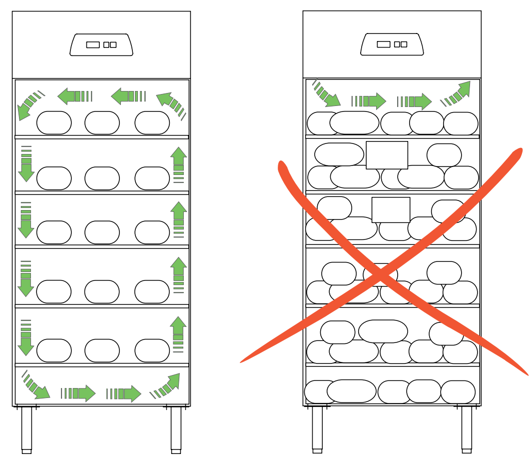
With button released (Low RU %):

- average humidity reading with ambient temperature **109.4°F/ +43°C**, chamber temperature **35.6°F/+2°C:**

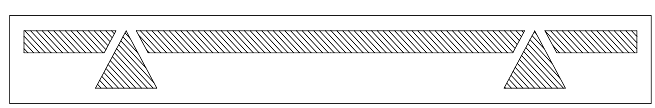
R.H. = ~ 66%

C.1.5 LOADING THE PRODUCT

Food must be evenly distributed inside the chamber (away from the door and back wall) in order to allow proper circulation of air.



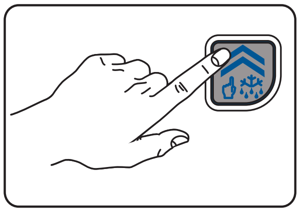
There is a sticker inside the chamber indicating the maximum level of loading:



Cover or wrap food before placing it in the refrigerator and avoid putting hot foods or steaming liquids inside. Do not leave the door open longer than necessary when putting in or taking out products.
It is advisable to keep the keys in a place accessible only to authorized personnel. In order to avoid the use of the appliance by non-authorized people, it is advisable to lock it.

C.1.6 DEFROSTING
- Automatic defrosting
The appliance is equipped with an automatic defrost function. This function is indicated by the **"dEFr"** indicator light.
Defrost water is routed to a bowl, from where it evaporates automatically.

- Manual defrosting
The defrost cycle can be activated manually by pressing the **MANUAL DEFROST/UP** button for 5 seconds



During this function the **"dEFr"** indicator light stays on.

C.1.7 ALARMS
C.1.7.1 General description
We have available in the electronic board 2 types of alarm system:

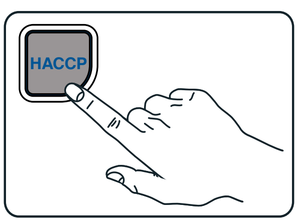
- the **HACCP**
- the **SERVICE ALARMS**

The **HACCP** stores and manages the MAXIMUM CHAMBER HIGH TEMPERATURE ALARMS.

The **SERVICE ALARMS** stores and manages all the alarms available in the electronic board (except the "chamber high temperature" alarm).

C.1.7.2 HACCP 

· ALARM CONDITIONS
- the display shows an alarm by the label "TEMP"
- pushing

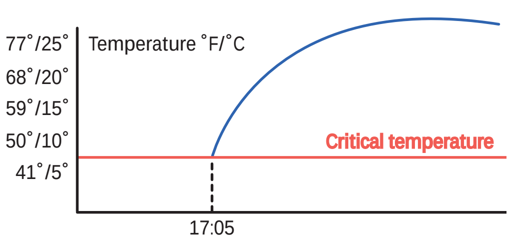


you get information on maximum temperature, time and date (day, month and year) whwn alarm occured.

There are two possible situations:

a) the alarm is running
b) the alarm has occured

a) the alarm is running



HOW TO CHECK IT?

display: **rolling label**

i.e. "TEMP 78.8F / 26C"

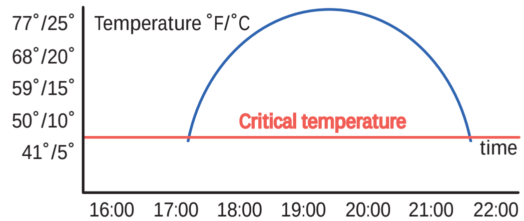
buzzer: **sound alarm ON**

WHAT IS RECORDED?

Press  : the buzzer goes OFF; then press again for 5 seconds and the alarm is shown (AL1).

Press  again: temperature, starting time and date are shown by a rolling label: **"TEMP 78.8F/26C Start 17.05 10-10-99 End----"**.

b) the alarm has occured



HOW TO CHECK IT?

display: **is showing the label "TEMP"**

buzzer: **sound alarm ON**

WHAT IS RECORDED?

Press  : the buzzer goes OFF; then press again for 5 seconds and the alarm is shown (AL1).

Press  again: maximum temperature inside, starting and ending time and date of the alarm are shown by a rolling label: **"TEMP 78.8F/26C Start 17.05 10-10-99 End----"**.

To have access to recorded **HACCP alarms** press  button for 4 seconds; now the display shows **HISt** and then **AL_1** (symbol of the alarm); this shows the last maximum chamber temperature alarm stored in the PCB.

Press  button to display the value of last maximum chamber temperature alarm. Now in the display we see:
- **TEMP 78.8F/26C** (type and value of maximum chamber temperature alarm)

- **Start time and date** (starting date and time of alarm)
- **End time and date** (ending date and time of alarm)

Press 

button to return to see the symbol of the alarm (AL1). Press 

button to display the next maximum chamber temperature alarm. If nothing is pressed within 10 seconds we exit from **HACCP** section.

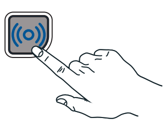
· *HOW TO CHECK THE OLD ALARMS?*

Keep pressed the button 

: the display shows AL1 (the last alarm); to select all the other alarms (AL2, AL3, ...) press .

· *HOW LONG ARE THE ALARMS RECORDED?*
Forever, or better, until the memory is out of space (maximum number of recorded alarms: 99).

C.1.7.3 SERVICE ALARMS 

To have access to **SERVICE ALARMS** press  button for 4 seconds; now the display shows the first SERVICE ALARM stored in the electronic board, for example **"b1"** (door open). Press the  button to display the next SERVICE ALARM stored in the electronic board. If the electronic board has not stored other SERVICE ALARMS, the display shows "----". If nothing is pressed within 5 seconds we go out from **SERVICE ALARMS**.

· *HOW LONG ARE THE ALARMS RECORDED?*
Until you have seen the complete alarms list recorded. After that, they will remain stored 'till a new alarm occurs: the reset will be automatic.

· *HOW TO KNOW IF AN ALARM HAS OCCURRED?*
- blinking led of alarm button
- buzzer ON (sound alarm)

· *HOW TO CHECK THE ALARMS?*

Keep pressed the button  : the display is showing the last alarm (a label) thet occurred and the buzzer goes OFF. In order to reset the alarm, press  until the display shows "----".

C.1.7.4 SERVICE ALARMS LIST

· Type "**b**" service alarms

b1	Door is open Microswitch is broken
b2	Reset HACCP memory
b3	The condenser is dirty Condenser fan is broken
b4	Missing power supply Wrong plug positioning

· Type "**E**" service alarms

E1	Sensor short-circuited
E2	Sensor is broken or disconnected
E3	Sensor short-circuited
E4	Sensor is broken or disconnected
E5	Sensor short-circuited
E6	Sensor is broken or disconnected
E7	Sensor short-circuited
E8	Sensor is broken or disconnected
E9	Low chamber temperature
E10	Low evaporator temperature

C.1.7.5 ALARM MANAGEMENT

· Whenever a high chamber temperature alarm occurs the display shows the label "TEMP" and the buzzer is activated.

· To reset the buzzer press the 

button for 1 second.

· Whenever a type "**b**" service alarm occurs the display shows the label code of the alarm and the buzzer is activated.

· Whenever a type "**E**" service alarm occurs the display shows the label code of the alarm and the buzzer is activated. **IT IS NECESSARY TO CONTACT TECHNICAL ASSISTANCE.**

· To reset the buzzer press the  button for 1 second.

C.1.7.6 HACCP ALARM RESET

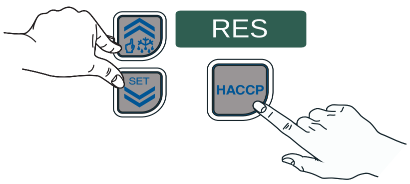
The maximum number of high chamber temperature alarms recordable is 99.

Whenever the **memory is full** and a “**b2**” alarm occurs or at the **end of the year**, it is necessary to reset the memory in the following way:

· press the 

button until the label “HiSt” will appears;

· keep pressed together the buttons



until the display shows “**RES**”.

C.1.7.7 TROUBLESHOOTING GUIDE
(problems which can be solved immediately)

LABEL	*PROBLEM*	*ACTION*
b1	The door is open or microswitch is broken	Check the door, if it's ok, contact technical assistance center
b2	HACCP memory is full	Reset HACCP memory
b3	High temperature of condenser	Check the condenser, if it's clean or uncovered, contact technical assistance center
b4	Power failure	Check the power supply, if it's ok, contact technical assistance center

D.1 ROUTINE MAINTENANCE

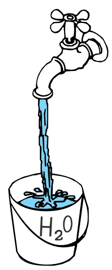
Routine maintenance tasks can be performed by non-specialised personnel. When performing maintenance please follow the instructions closely, and take great care to. **The manufacturer declines any responsibility for injury sustained from unsafe acts.**



ATTENTION:

do not touch the appliance if hands and/or feet are wet. Before performing any cleaning or maintenance disconnect the appliance from the electrical source and carefully unplug the appliance. It is DANGEROUS AND UNADVISEABLE to remove the safety guards, AND IS NOT REQUIRED for routine maintenance. Wear protective gloves. Do not use scissors, screwdrivers and sharp objects on the cooling circuit.

D.1.1 CLEANING THE CABINET AND ACCESSORIES







Before using the unit, clean all the internal parts and accessories with warm water and either neutral soap or products that are over 90% biodegradable (in order to reduce the emission of pollutants into the environment), then rinse and dry thoroughly.

Do not use solvent-based detergents (e.g. trichloro-ethylene) or abrasive powders for cleaning. Coat the metal panels with protective vaseline oil.

D.1.2 CLEANING THE CHAMBER

To clean the chamber, remove the plug from the drain outlet and let the water flow into the drain. It is advisable to clean the chamber every week; increasing this frequency according to appliance use.

D.1.3 PRECAUTIONS IN THE EVENT OF PROLONGED DISUSE

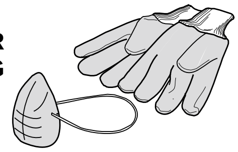
If the appliance is not going to be used for a long period, take the following precautions:

- switch the appliance off using the **ON/OFF** button;
- disconnect the circuit-breaker installed upline of the appliance;
- remove all food from the chamber and clean the interior and the accessories;
- leave the door ajar so that air can circulate inside the chamber, preventing the formation of unpleasant odors and mold;
- rub all the stainless steel surfaces vigorously with a cloth slightly dampened with vaseline oil, so as to cover them with a protective film;
- make sure that the premises are aired regularly.

D.2 MAINTENANCE TO BE PERFORMED BY TRAINED PERSONNEL ONLY

Non-routine maintenance tasks must be performed by an AUTHORIZED SERVICE AGENT.

USE APPROPRIATE SAFETY GEAR (GLOVES AND MASK) WHEN CARRYING OUT ANY MAINTENANCE OPERATION.



ATTENTION:

do not touch the appliance if hands and/or feet are wet. Before performing any cleaning or maintenance disconnect the appliance from the electrical source and carefully unplug the appliance. Do not remove safety guards. Wear protective gloves when cleaning the condenser. Do not use scissors, screwdrivers and sharp objects on the cooling circuit.

D.2.1 PERIODIC CLEANING OF CONDENSER

Periodic cleaning of the condenser unit depends on the frequency of use of the appliance. The condenser must be cleaned periodically to ensure the efficient operation of the appliance and its continued high performance over time. **It is DANGEROUS AND UNADVISEABLE to remove the safety guards.** It is advisable to thoroughly clean the condenser slits of the refrigerating unit at least once a month in a dusty environment or once every three months in a closed and clean environment. The condenser can be cleaned with a brush, provided the bristles are not made of steel or a material that can compromise good operation, or a vacuum cleaner to remove the dirt. Take maximum care not to bend the condenser fins, as this would cause a reduction in the heat exchange. Do not use pointed objects, as they may damage the condenser.

ATTENTION: the condenser is installed on the top of the appliance. Do not clean the appliance with jets of water.



D.2.2 REPLACING THE CONTROL PANEL BULB

To replace the light bulb under the control panel, proceed as follows:

- disconnect from the power supply;
- remove the light bulb protective cover, loosening the self tapping screw;
- replace the bulb with one of the same wattage or equal to that indicated on the rating plate;
- replace the protective cover;
- connect to the power supply.

D.2.3 REPLACING THE POWER SUPPLY CABLE

To replace the power supply cable proceed as follows:

- disconnect from the power supply;
- remove the electrical wiring protective cover;
- replace the power supply cable;
- refit the protective cover;
- reconnect to the power supply.

D.3 TROUBLESHOOTING

D.3.1 QUICK TROUBLESHOOTING GUIDE

In some cases faults can be remedied easily and quickly. Below there is a list of possible faults and remedies:

A. The appliance does not start:
- check that the plug is properly inserted into the socket.
- check that there is voltage at the socket.

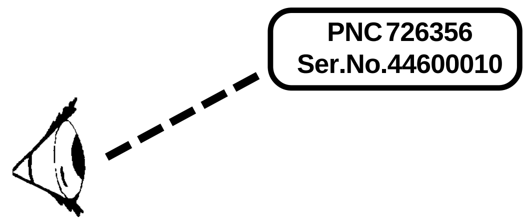
B. The internal temperature is too high:
- check the thermostat setting;
- check for a heat source in the vicinity;
- check that the door closes properly.

C. The appliance is excessively noisy:
- check that the appliance is standing level. A lopsided appliance could set off vibrations.
- check that the appliance is not touching other appliances or parts which could resonate;

If the defect persists after having carried out the checks described above, contact the service center giving:

- the nature of the defect;
- the PNC (production code) of the appliance;
- the Ser. No. (serial number of the appliance).

Note: the code and the serial number are indispensable to be able to trace the type of appliance and the date of manufacture.



E.g.: PNC 726356 - Ser.No. 44600010
726356: Heavy Duty cabinet R134a
44600010: manufactured in 2004, week 46, 10th item.

D.4 WASTE DISPOSAL AND DEMOLITION

D.4.1 WASTE STORAGE

At the end of the appliance's working life, make sure it is disposed of properly. Make sure you remove the doors before scrapping the appliance.
Special waste materials can be stored temporarily while awaiting processing for disposal and/or permanent disposal. In any event, the binding environmental protection laws in the country of use must be observed.

D.4.2 PROCEDURE FOR PRELIMINARY DISMANTLING OF THE APPLIANCE

All countries have different legislation; provisions laid down by the laws and the authorized bodies of the countries where demolition takes place are therefore to be observed.
In general terms, the refrigerator must be taken to a specialized collection/demolition center.
Dismantle the refrigerator and group the components together according to their chemical characteristics (plastic parts are marked with letters identifying the material). Bear in mind that the compressor contains lubricant oil and coolant, which can be recycled, and that the refrigerator components are classed as special waste that cannot be disposed of as urban waste.
Make the appliance unusable by cutting off the power supply cable and removing the door and or locking mechanisms in order to avoid the risk of anyone becoming trapped inside.

DISMANTLING OPERATIONS MUST BE CARRIED OUT BY QUALIFIED PERSONNEL.

D.5 ENCLOSED DOCUMENTS

- Set of test and inspection documents
- Wiring diagram
- Installation diagram